

ZWOLINSKI, TADEUSZ.

Przewodnik po Tatrach. Wyd. 10, zakualizowane, obejmujace cale Tatry.

Warszawa, Sport i Turystyka

1958, 467 p.

Monthly list of East European Accessions (EEAI). LC. Vol. 8, no. 7, <sup>July</sup> 1959.

Uncl.

JANOWIEC, Mieczysław; ZWOLSKA, Zofia

Determination of the catalase and peroxidase activity of  
tuberculous strains isolated from diagnostic material by the  
slide and test tube method. Gruzlica 31 no.8:865-873 '63.

1. Z Zakładu Mikrobiologii Instytutu Gruzlicy w Warszawie  
Kierownik: doc. dr M. Buraczewska.  
(MYCOBACTERIUM TUBERCULOSIS) (CATALASE)  
(PEROXIDASES)

KURYLOWICZ, Wlodzimierz; ZWOLSKA, Zofia; WOZNICKA, Wanda; NIEMCZYK, Hanna

Application of genetics in the antibiotics industry. Postepy  
mikrobiol 3 no.2:231-248 '64

1. Institute of Tuberculosis and Institute of Antibiotics,  
Warsaw.

ZWOLSKA, Zofia

Evaluation of the tampon method in the bacteriological  
diagnosis of tuberculosis. Gruzlica 33 no.5:447-449  
My 165.

1. Z Zakladu Mikrobiologii Instytutu Gruźlicy (Kierownik:  
doc. dr. M. Buraczewska).

ZWOLSKA-OPALANSKA, Zofia

Tuberculostatic properties of marphazinamide. Gruzlica 33  
no.11:1193-1196 N ' 65

Comparison of the results of drug resistance test by means of  
vertical diffusion and classical methods. 1203-1206

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy (Kierownik:  
doc. dr. M. Buraczewska).

Studies on ectoparasites on small mammals in natural swamp fever  
foci. Wiadomosci parazyt. 6 no.6:519-527 '60.

1. Zaklad Antropozoonoz Instytutu Medycyny Pracy i Higieny Wsi i  
Zaklad Zoologii WSR, Lublin.  
(LEPTOSPIROSIS transm)  
(INSECT VECTORS)

Sensitivity of *Microtus arvalis* and of certain Arthropoda to influenza virus infection. *Wiadomosci parazyt.* 6 no.6:529-531 '60.

1. Zaklad Antropozoonoz Instytutu Medycyny Pracy i Higieny Wsi i Katedra Mikrobiologii Lekarskiej Akademii Medycznej, Lublin.  
(INFLUENZA exper)  
(INSECT VECTORS)

PARNAS, Jozef; ZWOLSKI, Wlodzimierz; BURDZY, Krystyna

Infection of lice *Polyplax spinulosa* and *Hoplopleura acanthopus*  
with *Brucella brucei*. *Wiadomosci parazyt.*, Warsz. 6 no.5:441-445  
'60.

1. Zaklad Antropozoonoz Instytutu Medycyny Pracy i Higieny Wsi, Lublin  
(INSECTS)  
(BRUCELLA)



ZWONKOW, W.

ZWONKOW, W. Complex development of all kinds of transportation. p. 384.

Vol. 7, No. 10, Oct. 1955

PRZEGLAD KOLEJOWY

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

ZWOLSKI, Pawel, mgr inz., st. asystent

Testing and principles of vacuum pumps with water ring. Przegl  
mech 22 no.14:446-449 25 J1 '63.

1. Katedra Maszyn Wodnych, Politechnika, Wroclaw.

SWITALSKI, Piotr, mgr inż.; ZWORSKI, Paweł, mgr inż., st. asystent.

Determination of the suction characteristics of centrifugal  
pumps by power engineering methods. Przegl. mech 23 no.6:  
161-165 25 Mr'64

1. Swidnicka Fabryka Urzadzen Przemyslowych, Swidnica (for  
Switalski). 2. Katedra Maszyn Wodnych, Politechnika, Wroclaw  
(for Zworski).

**ZWOZDIAK, Włodzimierz**

**Pathogenesis and therapy of organic diseases according to the  
Pavlovian theory. Polski tygod. lek. 9 no.10:314-315; contd.  
8 Mar 54.**

- 1. Z Kliniki Chorob Nerwowych Akademii Medycznej w Poznaniu,  
kierownik: prof. dr med. A.Dowzenko.  
(NERVOUS SYSTEM, diseases,  
Pavlovian theory)**

WENNER, Mieczysław; ZWOZDZIAK, Włodzisław

Acute development of suboccipital invagination in a case of meningo-encephalitis and ependymitis of probably tuberculous etiology. Neurol neurochir psych 12 no.4:609-613 J1-Ag '62.

1. Klinika Neurologiczna, Akademia Medyczna, Poznan. Kierownik: prof. dr A. Dowzenko.

4

~~WOLFE, W.~~

Virus disease of the nervous system in USSR. Neurol. neurochir.  
psychiat. polska 1 no.3:196-205 1951. (CIML 21:5)

1. Of the Neurological Clinic (Head--Prof. A. Dowzenko, M.D.) of  
Poznan Medical Academy.

ZWOZDZI/K. Włodzimierz

The effect of streptomycin on the chronax of vestibular system.  
Roczn. akad. med. Marchewski: suppl. 10: 1-82 '64.

ZWOZDZIAK, Włodzimierz

Vertigo in diseases of the nervous system. Polski tygod. lek. 16  
no.9:350-353 27 F '61.

1. Z Kliniki Neurologicznej A.M. w Poznaniu; kierownik: prof.  
dr A. Dowzenko.

(VERTIGO etiol) (NEUROLOGY diag)



ZWOZDZIAK, Włodzimierz

Reticular formation of the brain stem and its clinical significance.  
Polski tygod. lek. 16 no.38:1466-1470 18 S '61.

1. Z Kliniki Neurologicznej A.M. w Poznaniu; kierownik: prof. dr  
A. Dowzenko.

(BRAIN STEM)

Acute course of suboccipital impression in a case of meningoencephalitis  
and ependymitis of possible tuberculous etiology. Neurol. neurochir.  
psychiat. pol. 12 no.4:609-613 '62.

1. Z Kliniki Neurologicznej AM w Poznaniu. Kierownik: prof. dr  
A. Dowznerko.

(OCCIPITAL LOBE) (EPENDYMA) (MENINGOENCEPHALITIS)  
(TUBERCULOSIS)

ZWOZDZIAK, Włodzimierz

Case of generalized primary melanoma of the meninges with blood in the cerebrospinal fluid. Polski tygod. lek. 10 no. 36:1176-1178 5 Sept 55.

1. Z Kliniki Neurologicznej A.M. w Poznaniu: Kierownik: prof. dr. A. Dowzenko. Adres: Klinika Neurologiczna A.M. w Poznaniu.  
(MENINGES, neoplasms,  
melanoma, with blood in CSF)  
(MELANOMA,  
meninges, with blood in CSF)  
(CEREBROSPINAL FLUID,  
blood, in melanoma of meninges.)

**ZWOZDZIAK, Włodzimierz** (Poznan, ul. Langiewicza 19 m 3)

Pathogenesis and therapy of organic diseases of the nervous system  
according to the Pavlovian theory. Polski tygod. lek. 9 no.11:343-  
347 15 Mar 54.

(NERVOUS SYSTEM, diseases,  
Pavlovian theory)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720014-4

So-called essential intracranial hypotension. Neurologia etc.  
polska 4 no.2:173-179 Mar-Apr 54.

1. Z Kliniki Neurologicznej Akademii Medycznej w Poznaniu. Kierownik:  
prof. dr. A. Dowzenko.  
(CEREBROSPINAL FLUID,  
hypotension)

ZWYKIELSKI, Grzegorz; MATULEWICZ, Stanislaw

Osteosis dissecans. Polski przegl.chir. 27 no.4:335-340 Apr'55.

1. Z III Kliniki Chirurgicznej kierownik prof. dr Kieturakis i  
z Zakl. Radiologii A.M. W Gdansk (kierownik prof. dr Ks. Rowin-  
ski) Gdansk-Wrzeszcz, ul. Wajdeloty 10.

(OSTEOCHONDritis,  
dissecans, pathogen., terminol. problems)

ZWYKIELSKI, Grzegorz (Gdansk-Wrzeszcz, Wajdeloty 10)

Surgical treatment of acute diseases of the pancreas. Polski tygod. lek.  
13 no.9:304-306 3 Mar 58.

1. (Z III Kliniki Chirurgicznej AMO; kierownik: prof. dr Zdzisław Kietura-  
kis)

(PANCREATITIS, surg.  
in acute pancreatitis (Pol))

Tuberculosis of the spleen. Polski przegl. chir. 31 no.3:345-348 Mar 59.

1. Z III Kliniki Chirurgicznej A. M. Gdansk Kierownik: prof. dr Z.  
Kieturakis. Adres autora; Gdansk-Wrzeszcz, ul. Wajdeloty 10.

(TUBERCULOSIS, case reports,

spleen (Pol))

(SPLEEN, dis.

tuberc. (Pol))



ZWYKIELSKI, Grzegorz; DILAJ, Jerzy

Effect of prednisolone on the serum bilirubin level in  
experimental mechanical jaundice. Pol. przegl. chir. 35  
no.7/8:744-746 '63.

1. Z III Kliniki Chirurgicznej AM w Gdansk Kierownik: prof.  
dr Z. Kieturakis.

(JAUNDICE, OBSTRUCTIVE) (PREDNISOLONE)  
(PHARMACOLOGY) (BILIRUBIN)  
(BLOOD CHEMICAL ANALYSIS)

TAPER, H.; ZWYKIELSKI, Gr.

Observations on thyroid carcinoma in children. Stud. cercet.  
endocr. 15 no.3:247-251 '64.

ZWYKIELSKI, Grzegorz; TYMINSKI, Witold; LEWICKI, Kazimierz

Postoperative hemorrhage caused by fibrinogen deficiency.  
Pol. przeł. chir. 37 no. 12:1299-1309 D ' 65

1. Z III Kliniki Chirurgicznej AM w Gdansk (Kierownik: prof.  
dr. Z. Kieturakis) i z III Kliniki Chorob Wewnętrznych AM  
w Gdansk (Kierownik: prof. dr. M. Gamski).

ZWOZDZIAK, Wlodziemierz

History of the Department of Medicine of the Lwow University.  
Arch. hist. med. 28 no.1/2:57-85 '65.

1. Z Zakladu Historii i Filozofii Medycyny Uniwersytetu Poz-  
nanskiego (dyrektor prof. dr. Adam Wrzosek).

**XXAMBERY, Pal, dr.**

Acute hepatitis associated with chronic kidney disease.  
Orv. hetil. 98 no.27:743-745 7 July 57.

1. A Vasmegyei Tanács "Markusovszky" Kórház (igazgató:  
Szvohoda, Jeno, dr.) I. sz. Belgyógyászati Osztályának  
(főorvos: Vasarhelyi, Bela, dr.) közleménye.

(HYPERTENSION

renal, chronic, complicated with hepatitis, fatal  
case (Hun))

(NEPHRITIS, compl.

hepatitis in chronic nephritis, fatal case (Hun))

(HEPATITIS, compl.

chronic nephritis & renal hypertension, fatal cases (Hun))

ZYABBAROV, A.A., kand. med. nauk (Kazan')

Clinicoroentgenological diagnosis of aneurysms of the  
cerebral vessels. Klin. med. 41 no.4:115-118 Ap '63.  
(MIRA 17:2)

1. Iz kafedry rentgenologii i radiologii No.1 (zav. - prof.  
M.Kh. Fayzullin) Kazanskogo gosudarstvennogo instituta us-  
vershenstvovaniya vrachey imeni V.I. Lenina (rektor -  
dotsent Kh.Z. Akhunzyanov).

ZYABITSKIY, A. [Ziabicki, A.]

Physical bases of the formation process of synthetic fibers.  
Khim. volok, no.2:8-19 '64. (MIRA 17:5)

1. Institut obshchey khimii, Varshava, Pol'skaya Narodnaya  
Respublika.

ZYABBAROV, A.A., assistant

Difficulties in the detection of a foreign body in the bronchus not causing a blockage of its lumen. Kaz. med. zhur. no. 2:78 Mr-Apr '61.  
(MIRA 14:4)

1. Kafedra rentgenologii i radiologii No.1 (zav. - prof. M.Kh. Fayzullin) Kazanskogo gosudarstvennogo instituta dlya usovershenstvovaniya vrachey imeni V.I. Lenina.  
(BRONCHI—FOREIGN BODIES)



FAYZULLIN, M.Kh., prof.; ZYABBAROV, A.A., kand.med.nauk (Kazan')

First All-Russian Congress of Roentgenologists and Radiologists  
and the First All-Russian Conference on Fluorography (August  
28-31, 1961, Kuybyshev Province). Kaz. med. zhur. no.1:98 Ja-F  
'62. (MIRA 15#3)

(DIAGNOSIS, FLUOROSCOPIC--CONGRESSES)  
(RADIOLOGY, MEDICAL--CONGRESSES)

ROMANOV, Yu.D., kand.med. nauk; ZYABBAROV, A.A., kand.med. nauk; RUSETSKIY,  
I.I., prof.; ANDREYEV, V.P., dotsent

In the scientific medical societies of the Tatar A.S.S.R.  
Kaz.med. zhur. 4:94-97 J1-Ag'63 (MIRA 17:2)

1. Sekretar' Obshchestva terapevtov Tatarskoy ASSR (for Romanov).
2. Sekretar' Obshchestva rentgenologov i radiologov Tatarskoy ASSR (for Zyabbarov).
3. Predsedatel' Obshchestva nevropatologov i psikhiatrov Tatarskoy ASSR (for Rusetskiy).
4. Sekretar' Obshchestva nevropatologov i psikhiatrov Tatarskoy ASSR (for Andreyev).

ZYABBAROV, A.A., Cand Med Sci--(diss) "Clinico-Roentgenological observations  
of patients with non-operated gastric polyps." Len, 1958. 20 p.  
(Min of Health USSR. Central Sci Res Roentgen-Radiological Inst),  
150 copies (KL, 44-58,125)

*substitution*  
ZYABPANOVA, S.A., Cand Med Sci -- (diss) "Experimental ~~hygiene~~ <sup>permissible</sup> of  
the maximum ~~accessible~~ concentration of pyridine in reservoir  
water." Len, 1958, 11 pp (Min of Health RSFSR. Len Sanitary  
Hygiene Med Inst. Chair of Communal Hygiene LSGMT. Toxicology  
Laboratory of the Inst of Hygiene of Labor) (KL, 27-58, 117)

**ZYABBAROVA, S.A.**

Determination of the maximum permissible concentration of pyridine  
in the water of a reservoir [with summary in English]. Gig. i san.  
23 no.7:30-35 J1 '58. (MIRA 12:1)

1. Iz kafedry kommunal'noy gigiyeny Leningradskogo sanitarno-gigiye-  
nicheskogo meditsinskogo instituta i toksikologicheskoy laboratorii  
Nauchno-issledovatel'skogo instituta gigiyeni truda i professional'-  
nykh zabolevaniy, Leningrad.

(WATER SUPPLY

pyridine, determ. of maximum permissible concen-  
tration in reservoirs (Rus))

(PYRIDINES, determ.

maximum permissible concentration in water reservoirs  
(Rus))

ZYABBAROVA, S.A.

Maximum permissible concentrations of methylvinylpyridine and  
methylethylpyridine in the water. [supply]. Trudy LSGMI no.68:  
138-143 '61. (MIRA 15:11)

1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-  
gigiyenicheskogo meditsinskogo instituta (sav. kafedroy - prof.  
A.I.Shtreys).

(WATER—POLLUTION)

(PYRIDINE)

**ZYABBAROVA, S.A.**

**Data for determining the maximum permissible concentration of pyridine  
in natural water [with summary in English]. Trudy ISGMI 44:43-52  
'58 (MIRA 11:12)**

**1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-  
gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - prof.  
P.K. Ageyev) i Toksikologicheskaya laboratoriya Instituta gigiyeny  
truda i profzabolevaniy (rukovoditel' laboratorii - prof. I.D.  
Gadaaskina).**

**(WATER SUPPLY,**

**maximum permissible concentration of pyridine, exper.  
in rats (Rus))**

**(PYRIDINES,**

**maximum permissible concentration in drinking water (Rus))**

MILITSKOVA, Ye.A.; GRINEVICH, K.P.; SOKOLOV, A.D.; ZYABKIN, A.P.

Organosilicon polymer liquids as lubricants for molds in  
casting and compression molding of articles made of thermo-  
plastics. Plast.massy no.3:72-73 '60. (MIRA 13:6)  
(Silicon organic compounds) (Plastics) (Adhesion)



KISLENKO, Nikolay Trofimovich; ZYABKIN, Ivan Vasil'yevich;  
ZABLOTSKIY, Valentin Titovich; NIKITIN, A.G., red.

[Repair of the ZIL motortrucks] Remont gruzovykh avto-  
mobile: ZIL. Moskva, Transport, 1964. 368 p.  
(MIRA 18:1)

GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron background over the earth's surface. Atom. energ. 17 no.6:  
492 D '64 (MIRA 18:1)

38991

S/089/62/013/001/007/012  
B102/B104

21.5210

AUTHORS:

Gorshkov, G. V., Zyabkin, V. A., Tsvetkov, O. S.

TITLE:

Neutron yield of the  $(\alpha, n)$ -reactions from Be, B, C, O, F, Mg, Al, Si, and granite induced by polonium  $\alpha$ -particles

PERIODICAL: Atomnaya energiya, v. 13, no. 1, 1962, 65 - 67

TEXT: Five years ago the authors used ampoules containing radon as radiation sources to determine neutron yields and energies (Dokl. AN SSSR, 116, no. 2, 211, 1957). In the present experiments the only alpha emitter contained in such ampoules is the radon decay product polonium, along with the target substances. The alpha-particle energy is 5.298 Mev. Boric acid, enriched in B<sup>10</sup> up to 90% and silver-activated zinc sulfide were used, together with a photomultiplier, as slow-neutron detector. For the purpose of the measurements the ampoule was placed in an air-filled cavity within a lump of paraffin, above the detector and photomultiplier, all enclosed by the paraffin. To eliminate the cosmic background all measurements were repeated in the earth at a depth equivalent to 200 m of water. The paraffin 25 cm thick served as a shield against the neutron radiation of the rock.

Card 1/2

Neutron yield of the ...

S/089/62/013/001/007/012  
B102/B104

The proper background of the arrangement itself was about 6 pulses/24 hrs per  $\text{cm}^2$  of the detector. The lower limit of sensitivity of the arrangement was 0.05 neutr./sec. $\cdot 4\pi$ .

The target materials,  $E_n$  values for which corrected and yield of neutrons/ $10^6$   $\alpha$ -particles were respectively;

Be,  $E_n = 5.0$ ,  $84.4 \pm 0.9$ ; B,  $E_n \sim 3.4$ ,  $19.6 \pm 0.2$ ; C,  $E_n \sim 2.9$ ,  $0.113 \pm 0.015$ ;  $\text{CaF}_2$ ;  $E_n \sim 2.2$ ,  $6.45 \pm 0.09$ ; Mg,  $E_n \sim 3.6$ ,  $1.33 \pm 0.04$ ; Al,  $E_n \sim 2.0$ ,  $0.76 \pm 0.03$ ; Si,  $E_n \sim 2.6$ ,  $0.168 \pm 0.020$ ;  $\text{SiO}_2$ ,  $E_n \sim 2.6$ ,  $0.107 \pm 0.014$ ; granite,  $E_n$  2.5,  $0.238 \pm 0.013$ ; O, mean value  $0.068 \pm 0.01$ .

The errors given are the absolute squares, systematic errors being estimated as not higher than 6-7%. There are 2 figures and 2 tables.

SUBMITTED: January 6, 1962

Card 2/2

ZYABKIN, V.S.

Achievements of Soviet metallurgy. Inform. biul. VUNKH no.2:1  
F '64. (MIRA 17:8)

TSAO TSZO-TSZYAN [Ts'ao Tso-chiang]; MUSAKIN, A.P.; ZYABKINA, Ye.P.

Polarographic semimicrodetermination of acetoacetic esters.

Trudy LTI no. 59:12-16 '61.

(MIRA 17:9)

FAN-YUNG [Fang-yung, A.F.] ; KAGAN, I.S.; GRISHINA, I.P.; ZYABKO, I.P.

Problems of the filtration of grape juice. Kons. i ov. prom. 14  
no.9:11-12 S '59. (MIRA 12<sup>1</sup>12)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy promyshlen-  
nosti.

(Grape juice)

Investigation of cements of the Sorel type. V. F. Zhuraviev and E.P. Zyabkin. Prom. Stroitel. Material. 1941, No. 5, 10-13; Khim. Zashch. 1942, II, 2835. - To investigate the binding of compds. similar to the Sorel cements:  $MgO + MgCl_2 + H_2O$  or  $ZnO + ZnCl_2 + H_2O$  the other  $MeO + MeCl_2 + H_2O$  of the 2nd group were investigated. Pure chemicals were used which passed a screen of about 170 mesh (4900 mesh/sq. cm.). The mix was made according to Kuhl with sand 1:3, and plastic pressed bodies were formed the binding of which was checked with the "Vicatneedle." Results: Be compds., no binding. Ca compds. with 25%  $CaCl_2$  soln., normal consistency at 75%, binding started after 7 min., was finished after 8 min.; Sr compds. with 30%  $SrCl_2$  soln., normal consistency at 90%, binding started after 30 sec., was finished after 40 sec.; Ba compds. 25% soln., normal consistency at 80%, binding immediately forming ~~normal consistency at 80%, binding immediately forming~~ solid stonelike body; Cd compds., normal consistency at 25%, binding starts after 40 min., was finished after 65 min.

J. A. Hey



S/191/60/000/003/013/013  
B016/B054

AUTHORS: Militskova, Ye. A., Grinevich, K. P., Sokolov, A. D.,  
Zyabkin. A. P.  
TITLE: Liquid Organosilicon Polymers Used as Lubricants for Molds  
in Casting and Molding of Thermoplastics  
PERIODICAL: Plasticheskiye massy, 1960, No. 3, pp. 72 - 73

TEXT: The authors report on their experiments concerning the use of liquid organosilicon polymers to lubricate molds for thermoplastics. They used liquids No.3, No.5 (5L), and ГЖЖ-94 (GKZh-94) (polyethylsiloxane), as well as three polymethyl-siloxane liquids (No. 1-3) of different viscosities. These liquids were used as lubricants in processing colorless and filled polystyrene, caprone, polymethyl etrols, methacrylate, and copolymers of methyl methacrylate with styrene. No.5 and GKZh were manually applied to the molds. The latter liquid yielded better results: After a single treatment, it was possible to cast 25-60 pieces of different materials in the mold. No.3 and the polymethyl-siloxane liquids were sprayed onto the molds. An admixture of easily

Card 1/2

Liquid Organosilicon Polymers Used as  
Lubricants for Molds in Casting and  
Molding of Thermoplastics

S/191/60/000/003/013/013  
B016/B054

volatile liquids (mostly of liquid isobutylene) was used to generate pressure. The mixture was filled in the sprayer in a cooled state. Compressed air was used for spraying when the liquid was employed in an organic solvent. Results are tabulated. The use of polysiloxane liquids prevents the adherence of products to molds, cracking of workpieces, and damages when taking them out of the mold. There are 2 figures and 1 table.

USSE/Diseases of Farm Animals. Diseases Caused by  
Bacteria and Fungi

K-2

Abs Jour: Ref Zhur = Biol., No 1, 1959, 2802

Author : Trilenko, P. A., Chistov, N. P., Zhabkin,  
A. S., Podkopayev, V. M., Kryachko, L. N.

Inst : Leningrad Scientific Research Veterinary Insti-  
tute

Title : The Results Obtained when Using SVIS 61 Strain  
Vaccine for Sanitation of Cattle from Brucel-  
losis

Orig Pub: Sb. tr. Leningr. n.-i. vet. in-t, 1957, vyp. 7,  
56-66

Abstract: No abstract

Card 1/1

ZYABIN, A. S.

Bees - Diseases

Treating European foul brood with penicillin. Pchelovodstvo, 29, No. 7, 1952.

Monthly List of Russian Accessions Library of Congress October 1952. UNCLASSIFIED.

ZYABKIN

M. A.

26

OK

Apparatus for oxidizing linseed oil. M. A. Zyabkin and M. M. Nuzhakov. Russ. Zh. Khim., Feb. 20, 1930. The app. consists of 2 kettles, one inside the other. The larger vessel (2) is equipped with a steam inlet for heating the inner vessel (1) and the oil, circulated through a coil and used for the oxidation of the oil. The vessel (1) has a coil for circulating steam at the beginning and cold water at the end of the process. The oil is atomized by a nozzle placed in the center of kettle (1).

AS 4-51.4 METALLURGICAL LITERATURE CLASSIFICATION

GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron yield from nitrogen, oxygen, air, and water under  
the action of radium C'  $\alpha$ -particles. Atom. energ. 13  
no.5:475-476 N '62. (MIRA 15:11)  
(Neutrons) (Radium) (Alpha rays)

EPF(n)-2/ENT(m)/BDS--AFFTC/ASD/AFWL/ESD--Pu-1

ACCESSION NR: AP3002258

8/0089/63/014/006/0544/0549  
62-

AUTHOR: Gorshkov, G. V.; Ziyabkin, V. A.; Tsvetkov, O. S.

TITLE: Neutron yield from some materials on bombardment with radon alpha particles and their decay products

SOURCE: Atomnaya energiya, v. 14, no. 6, 1963, 544-549

TOPIC TAGS: neutron yield, radon alpha particles, ores, minerals

ABSTRACT: The neutron yield was measured from the reaction ( $\alpha$ , n) with some light elements, chemical compounds, minerals, and ores. The apparatus used is described. The alpha particles were emitted by Rn + RnA + RaC prime. The ratios of the yields of Rn + RaA to Rn + RaA + RaC prime were also determined. The experimental values of the yield from some ores and minerals are compared with the computed ones. It is shown that the neutron yields from ores and minerals are due mainly to those from Al and Si. "The authors are grateful to A. M. Trofimov for the opportunity to conduct the work, and to Z. B. Svetovidov for help with electrical measurements." Orig. art. has: 2 figures, 2 tables, and 3 equations.

ASSOCIATION: none

Card 1/2

GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron yield from certain materials induced by  $\alpha$ -particles of radon  
and its decay products. Atom. energ. 14 no.6:544-549 Je '63.

(MIRA 16:7)

(Radon—Decay) (Neutrons) (Alpha rays)



GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron yield of ( $\alpha$ , n) reactions from Be, B, C, O, F, Mg, Al,  
Si, and granite under the action of  $\alpha$ -particles from polonium.  
Atom. energ. 13 no.1:65-67 J1 '62. (MIRA 15:7)  
(Nuclear reactions) (Neutrons) (Alpha rays)

S/081/62/000/006/036/117  
B101/B110

AUTHORS: Zyabkina, Ye. P., Aver'yanov, S. V.

TITLE: Amperometric titration of uranium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 133, abstract  
6D106 (Tr. Leningr. tekhnol. in-ta im. Lensovet, no. 55,  
1961, 172)

TEXT: Methods of amperometric titration of U by means of solutions of  
 $\text{KH}_2\text{PO}_4$  and m-nitrophenyl arsonic acid are suggested. The effect of Al,  
Mg, Ba, Ca, and Fe, as well as of the pH of the solution and of a change  
in the medium (nitric or acetic uranyl solution) on the determination of  
U by these methods was studied. [Abstracter's note: Complete transla-  
tion.]

S/081/62/000/006/028/117  
B171/B101

AUTHORS: Zyabkina, Ye. P., Yevdokimov, V. F.

TITLE: Use of hard electrodes in polarography

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 120, abstract  
6D21 (Tr. Leningr. tekhnol. in-ta im. Lensovet, no. 55,  
1961, 174)

TEXT: It has been established that rotating hard electrodes can be used  
for amperometric titration of Th by a fluoride, with  $\text{Fe}^{3+}$  as indicator  
ion. [Abstracter's note: Complete translation.]

Card 1/1

✓

S/110/60/000/010/014/014  
E073/E535

**AUTHORS:** Dolin, N.F. and Zyabkina, Z.F., Engineers

**TITLE:** Conference on Transformer Construction

**PERIODICAL:** Vestnik elektropromyshlennosti, 1960, No.10, pp.77-78

**TEXT:** The conference was held in Zaporozh'ye from April 5-9, 1960. There were over 300 participants. 38 papers and 23 communications were presented. The representative of Gosplan, USSR, P. P. Chusov presented a paper on the tasks and prospects of development in the field of transformer design during 1960-1965, a period during which the production of transformers is to increase by a factor of 3.3. I. S. Kalinichenko, Elektrotechnicheskiy nauchno-issledovatel'skiy institut (Electrotechnical Scientific Research Institute), Zaporozh'ye presented a paper on the present state and prospects of development in the field of large power transformers and auto-transformers. Representatives of other works presented papers on new series and on trends of development in the transformer field. Doctor of Technical Sciences G. N. Petrov discussed the prospects of introducing multi-winding auto-transformers to satisfy the increasing requirements of interconnected networks with differing voltages. K.K. Chernev, Glavnyy Card 1/3

S/110/60/000/010/014/014  
E073/E535

### Conference on Transformer Construction


energeticheskii upravleniya (Chief Power Directorate), Gosplan, USSR, presented a paper in which failures of transformers produced in 1950 were analysed. I. D. Yanshina (MTZ) and B. A. Alekseyev (VNIIE) dealt with methods of investigating and monitoring the humidity of insulation. V. S. Panasyuk (MTZ) dealt with methods of drying transformers. B. V. Vanin and N. B. Leonidova (VNIIE) analysed data on the humidity of transformers in operation and on investigation of processes of drying transformer insulation. V. V. Girshberg (VNIIE) dealt with the present state and the trends of development in manufacturing complete transformer substations. The problem of using aluminium in transformers was dealt with by M. A. Bass (ZTZ). A. N. Kalyakina (VEI) presented a paper on new insulation materials for transformers. Results of testing and investigation of the dynamic strength of aluminium windings of transformers with textured steel cores were presented by I. S. Nayashkov. L. V. Zamyatina and A. V. Sapozhnikov presented results of investigations of internal protection of transformers and auto-transformers from atmospheric over-voltages.

Card 2/3

S/110/60/000/010/014/014  
E073/E535

### Conference on Transformer Construction

Yu. A. Vasil'chenko (ZTZ) reported on methods of improving the cooling of transformers. V. I. Nepomnyashchii, Komitet standartov, mer i izmeritel'nykh priborov Sovet Ministrov SSSR (Committee of Standards, Gauges and Metering Instruments, Council of Ministers, USSR) presented a paper on the tasks and advantages of standardization in transformer construction.



215-8380  
[Fang Tung, A.F.]; KAGAN, I.S.; GRISHINA, I.P.; ZYABKO, L.P.

Removal of gas from semi-processed grape juice. Kons. i ov. prom.  
14 no.11:30-33 N '59. (MIRA 13:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy promyshlen-  
nosti.

(Grape juice)

Training and experimental farm of a boarding school. Politekh.  
obuch. no.5:22-29 My '58.

(MIRA 11:5)

- 1.Kafedra pedagogiki Omskogo pedagogicheskogo instituta.  
(Agriculture--Study and teaching)  
(Omsk--Boarding schools)



Changes in the peripheral blood during osteosynthesis with metal  
nails, Trudy LSGMI 59:84-92 '60. (MIRA 14:9)

1. Klinika obshchey khirurgii Leningradskogo sanitarno-gigiyeniche-  
skogo meditsinskogo instituta (zav. klinikoy - prof. I.M.Tal'man).  
(INTERNAL FIXATION IN FRACTURES) (BLOOD)

SOV/110-59-9-22/22

AUTHORS: Dolin, N.F., and Zyabkina, Z.F. (Engineers)

TITLE: A Scientific-technical Conference on Rectifiers

PERIODICAL: Vestnik elektropromyshlennosti, 1959, Nr 9, p 80 (USSR)

ABSTRACT: A scientific-technical conference on rectifiers was held in Zaporozh'ye. There were more than 300 delegates from 135 organisations representing research institutes, and various organisations concerned with the development, manufacture, erection and operation of rectifiers. Expected developments in rectifier technique during the period 1959-65 were considered. The need for suitable rectifiers for many branches of industry was noted, but the present state of affairs was not considered satisfactory. New types of rectifiers including high-quality semiconductor materials are being introduced very slowly. In recent years research laboratories and factories have nevertheless achieved appreciable successes. A series of pumpless rectifiers is manufactured. Special types of rectifier equipment have been developed for different applications. Germanium rectifiers have been developed for currents from 10 to 200 A and voltages from 100 to 200 V. The ionic excitation system of the

Card  
1/2

SOV/11C-59-9-22/22

A Scientific-technical Conference on Rectifiers

hydro-alternators at the Volga Power Station is working satisfactorily. Construction has commenced on the first full-scale 800 kV d.c. transmission line from the Stalingrad power station to the Donbas. Sixty reports and communications were read. Serious defects were revealed in the organisation of production and in the development of new types of rectifier. The developments necessary in the period 1959-65 were reviewed and it was recommended that individual factories should specialise. The main directions of technical development in Rectifiers were pointed out. There are no figures, no references.

Card  
2/2

USCOMM-DC-61,750

Conference on the manufacture of electric transformers. Vest. elek-  
troprom. 31 no.10:77-78 0 '60. (MIRA 15:1)  
(Electric transformers--Congresses)

Solanine content of eggplants in the dynamics of their growth  
and development. Izv.vys.ucheb.zav.; pishch.tekh. no.1:26-28  
'64. (MIRA 17:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy  
promyshlennosti.

KRASNAYA, B.Ya. [Krasna, B.Ia.]; KIRILLOVA, A.A. [Kirylova, O.O.];  
ZYABKO, L.P.; SAVCHUK, N.I.

New synthetic glue for labeling machines. Khar. prom. no. 3:26-  
27 J1-S '65. (MIRA 18:9)

L 4 APPROVED FOR RELEASE Thursday, September 24, 2002  
APPROVED FOR RELEASE Thursday, September 24, 2002  
ACC NR: RU024956

CIA-RDP86-00513R002065720014-4  
CIA-RDP86-00513R002065720014-4

SOURCE CODE: UR/0081/66/000/006/S078/S078

AUTHOR: Krasnaya, B. Ya.; Zyabko, L. P.

TITLE: Decreasing the oxygen permeability of polyethylene packing 15

SOURCE: Ref. zh. Khimiya, Part II, Abs. 6S559

REF SOURCE: Tara i upakovka. Ref. inform., no. 12, 1965, 3-4

TOPIC TAGS: packing material, protective coating, polyethylene plastic, polyvinyl alcohol

ABSTRACT: A method is described for depositing a protective coating of PVA on polyethylene. The oxygen permeability (OP) of the polyethylene packing, protected with a modified film of PVA, decreases by a factor of 70. For example, polyethylene film 65  $\mu$  thick coated with a modified film of PVA 20  $\mu$  thick has an OP of  $68 \times 10^{10}$ , and the OP of an uncoated polyethylene film amounts to  $4722 \times 10^{10}$  ml/cm<sup>2</sup> sec atm. N. L.  
[Translation of abstract]

SUB CODE: 11

Card 1/1 MLP

FROLOVA, N.A.; ZYABKO, N.V.

Penetrating study of morbidity with temporary disability among  
workers of the "Próletarka" Cotton Spinning Combine in Kalinin.  
Zdrav. Ros. Feder. 4 no. 4:21-24 Ap '60. (MIRA 13:10)

1. Iz kafedry organizatsii zdravookhraneniya (zav. - dotsent  
N.A. Frolova) Kalininskogo meditsinskogo instituta (dir. -  
dotsent A.N. Kushnev).

(KALININ—TEXTILE WORKERS—DISEASES AND HYGIENE)  
(DISABILITY EVALUATION)



14(5)

SOV/92-59-2-8/40

AUTHORS: Zyablikov, K.A. and G.N. Fal'chikov, Staff Members of the Technical Department

TITLE: Demulsification of Crude at the Koschagyl Oilfield (Deemul'satsiya : nefti na promysle Koschagyl)

PERIODICAL: Neftyanik, 1959, Nr 2, pp 11-12 (USSR)

ABSTRACT: A number of Koschagyl oilfields do not pay sufficient attention to the removal of emulsions from crudes. Chemicals used for this purpose considerably increase petroleum production costs. For this reason the personnel of the demulsifying unit of the Koschagyl Petroleum Production Administration made an effort to reduce the outlay which this operation involves. Heavy crudes contain a considerable amount of tar, asphaltene, paraffin wax, and water. The latter in turn contains salt, acid, and alkali hydroxide. The resistant emulsion of crude produced at the Koschagyl oilfields contains up to 30 percent water. The method of demulsifying crude oil at Koschagyl required a considerable amount of kerosene contact, which increased the petroleum production cost. For this reason efforts were made to develop another demulsification method and K.A. Fomin suggested that crude be demulsified by using a cushion of contact water. The

Card 1/2

Demulsification of Crude (Cont.)

SOV/92-59-2-8/40

unit he developed is equipped with filters and master tap, shown in the flow chart of Fig. 1 and in sketches of Fig. 2 and 3. The author describes the newly developed equipment in detail. Its various parts are indicated, their size and installation, and an outline of the course of the operation is provided. As a result of the introduction of this equipment, a considerable saving was realized. After the demulsification of petroleum, its water content dropped from 2 percent to 0.5-1.05 percent. Further efforts are being made to reduce the consumption of the contact medium. There are 3 figures.

ASSOCIATION: Tekhotdel NPU Koschagyl (Technical Department of the Koschagyl Petroleum Production Administration)

KOUGIYA, V.A., kand. tekhn. nauk (Leningrad); ZYABLIKOV, O.M., inzh.  
(Leningrad)

Transforming Gray's code into a binary code, Elektrichestvo  
\* no. 10:74 0 '61. (MIRA 14:10)  
(Transducers) (Tachometer)

ZYABLINA, T.F. (Moskva, I-301, Alekseyevskiy studgorodok, 6-y proyezd, 5-y korpus, kv.5)

Use of diplacin in intrathoracic operations for patients with pulmonary tuberculosis. Vest.khir. 83 no.11:112-116 N '59. (MIRA 13:4)

1. Iz khirurgicheskoy kliniki (zav. - prof. L.K. Bogush) Instituta tuberkuleza AMN SSSR.  
(TUBERCULOSIS PULMONARY surgery)  
(MUSCLE RELAXANTS therapy)

INDYCHENKO, N.I.; ZYABLITSKY, I.V.; TIMOSHENKO, N.M.; BATSHENKO, N.P.;  
VIZHLYAK, V.G.; CHALYUK, S.M.; VALOSHINA, G.G.

Popular textbook on electric centralization ("Electric centralization of switches and signals" by A.A. Kazakov. Reviewed by N.I. Indychenko and others). Avtom., telem. i svyaz' 2 no.7:48 J1 '58.  
(MIRA 11:6)

1. Rabotniki Kiyevskoy distantzii signalizatsii i svyazi Yugo-Zapadnoy dorogi.

(Railroads---Signaling---Block system)  
(Kazakov, A.A.)

ZYABLITSEV, V.Ya.

Using the vibration method in unloading dump cars. Trudy OMIIT  
43 pt.2:193-196 '63. (MIRA 18:10)

**ZYABLITSKIY, I.I.**

Tectonics and oil potential of the southeastern boundary of the  
Russian Platform. Razved. i okh. nedr 25 no.2:5-10 F '59. (MIRA 12:4)

1. Zapadno-Kazakhskaya mezhoblastnaya kompleksnaya ekspeditsiya.  
(Russian Platform--Petroleum geology)

SOV/132-59-2-2/16

3(8)

AUTHOR:

Zyablitskiy, I.I.

TITLE:

On Tectonics and Petroliferous Features of the Outlying South-Eastern Part of the Russian Plateau (O tektonike i neftenosnosti okrainnoy yugo-vostochnoy chasti Russkoy Platformy)

PERIODICAL:

Razvedka i okhrana nedr, 1959, Nr 2, pp 5 - 10 (USSR)

ABSTRACT:

The tectonics of the outlying south-eastern part of the Russian Plateau adjacent to the outer-Ural depression have been only partially studied. Prospecting operations were executed only on the part of the Plateau neighboring the newly discovered Ishimbay oil-field of the outer Ural depression. In this article, the author sums up the results of prospecting operations conducted in 1956 - 1957 by the following geologists: V.V. Belousov ; A.A. Khomentovskiy; A.A. Bogdanov; V.D. Nalivkin; L.N. Rozanov. The study of the Sterlibashevo-Fedorovka bank ("val"), 80 km long and 40 km wide, showed that the maximum elevation of Kungur and Kazan' (Upper-Permian Period) beds is re-

Card 1/3



SOV/132-59-2-2/16

On Tectonics and Petroliferous Features of the Outlying South-  
Eastern Part of the Russian Plateau

lated to the underlying layers of salt. Further prospecting showed that an anhydrite-halite suite, containing sylvinite-halite facies is developed under the dome of Upper-Permian beds of the central part of this bank. The presence of these layers indicates a depression in the period of formation of the Kungur beds. It can also be said that a zone of sylvinite-halite deposits probably exists to the south of Orenburg where it joins the Caspian syncline. Further prospecting, though very limited indicates that between the Sterlibashev-Orenburg Depression and the Outer Ural Depression exists a long structural subsalt bed elevation, which is considered by the author as a bank of the outlying south-eastern part of the Russian Plateau. This bank ("val"), over 300 km long and 20 -

Card 2/3

SOV/132-59-2-2/16  
On Tectonics and Petroliferous Features of the Outlying South-  
Eastern Part of the Russian Plateau

25 km wide, could be of interest for further oil pro-  
specting, as it is surrounded by various petrolifer-  
ous districts. There are 2 diagrams, 1 profile and  
3 Soviet references.

ASSOCIATION: Zapadno-Kazakhstanskaya mezhoblastnaya kompleksnaya  
ekspeditsiya (West-Kazakhstan Inter-Oblast' Joint  
Expedition)

Card 3/3

ZYABLITSKIY, M.

Tractors

Controlling the expenditure of spare parts by tractor crews. MTS 12 No. 6, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

MARGULIS, B.Ye. (Smolensk); MARNYANSKIY, I.A. (Rovno); OREKHOV, P.S.  
(Izhevsk); ZYABLITSKIY, V.V. (Kalinin)

Extracurricular work in mathematics. Mat. v shkole no.1:68-75  
Ja-F '63. (MIRA 16:6)  
(Mathematics--Study and teaching)

ZYABLITSKIY, V.V.

Mathematics - Problems, Exercises, etc.

Mathematical contest in Kalinin, Usp. mat. nauk 7 no. 1(47), 1952

9. Monthly List of Russian Accessions, Library of Congress, July <sup>1952</sup>~~1953~~, Unclassified.

**ZYABLITSEV, V.**

Rearranging a hydraulic pump on a SE-3 excavator. Mast. ugl. 3  
no. 11:18 N'54. (MIRA 8:3)

1. Mekhanik uohastka No. 1 Kiselevskogo razreza kombinata  
Kuzbassugol'.  
(Excavating machinery)(Pumping machinery)

PETROV, K.M.; DYAKONOV, V.I.; FADEYEV, I.G.; SEMENENKO, P.P.; KRYUKOV, L.G.;  
Prinimali uchastiye: PASTUKHOV, A.I.; SHISHKINA, N.I.;  
PAZDNIKOVA, T.S.; CHIRKOVA, S.N.; KAREL'SKAYA, T.A.; LOPTEV, A.A.;  
DZEMYAN, S.K.; ISUPOV, V.F.; BELYAKOV, A.I.; GUDOV, V.I.;  
SUKHMAN, L.Ya.; SLESAREV, S.G.; GOLOVANOV, M.M.; GLAGOLENKO, V.V.;  
ISUPOVA, T.A.; ZYABLITSEVA, M.A.; KAMENSKAYA, G.A.; POMUKHIN, M.G.;  
UTKINA, V.A.; MANEVICH, L.G.

Vacuum treatment of alloyed open hearth steel. Stal' 22 no.2:113-  
117 F '62. (MIRA 15:2)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov  
(for Pastukhov, Shishkina, Pazdnikova, Chirkova, Karel'skaya,  
Loptev, Dzemyan). 2. Metallurgicheskiy kombinat im. A.K. Serova  
(for Isupov, Belyakov, Gudov, Sukhman, Slesarev, Golovanov,  
Glagolenko, Isupova, Zyablitseva, Kamenskaya). 3. 6-y Gosudar-  
stvennyy podshipnikovyy zavod (for Pomukhin, Utkina, Manevich).  
(Steel--Metallurgy)  
(Vacuum metallurgy)

ZYABLOV M

ca

8

5 The source of fluorapatite in Central Asia. M. ZVANOV. *Mineral. Sibir' 7*, Nos. 5-6, 42-5 (1932).—Large deposits of fluorite are found in Turkistan and other sections of Central Asia. CHAB BLANC

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION



"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065720014-4  
CIA-RDP86-00513R002065720014-4"

YEFIMOV, L.D.; ZYABLITSEV, V.Ya.

Electrified self-dumping car. Trudy GMIT 38:111-116

'62.

(MIRA 18:8)

15-57-3-3851

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,  
pp 193-194 (USSR)

AUTHORS: Mindlin, M. G., Zyablov, M. F.

TITLE: New Constructions of Bits With an Arrangement for Holding Grease in the Bearing (Novyye konstruksii dolot s ustroystvom dlya uderzhaniya smazki v opore)

PERIODICAL: Novosti nef. tekhniki. Neftepromysl. delo, 1956,  
Nr 6, pp 6-8

ABSTRACT: A new tri-cone drill bit has been made with the bearing hermetically sealed and the teeth self-cleaning. The grease is contained in the bearing of the bit. Tests have shown that the new type of bit may be used in drilling any kind of rock. In all cases the hermetic sealing of the bearing leads to increased footage of cutting by the bit.

no initials

Card 1/1

USSR/Miscellaneous - Propaganda

Card 1/1 : Pub. 77, 23/26

Authors : Zyablov, P. I.

Title : Science of the people's Poland

Periodical : Nauka i zhizn' 21/7, 43 - 44, July 1954

Abstract : The author feels that since Poland has acquired its present system of Government, science has been advanced and made to serve the people. Instances are cited in support of this idea. Illustration.

Institution : ...

Submitted : ...

S/112/59/000/014/045/085  
A052/A001

Translation from: Referativnyi zhurnal, Elektrotehnika, 1959, No. 14, p. 188,  
# 29916

AUTHORS: Shaposhnikov, K.Ya., Kovalenko, G.G., Zyablov, R.P.

TITLE: Radio Control System (For a Comprehensive Control of Industrial  
Objects)

PERIODICAL: Tr. Taganrogsk. radiotekhn. in-ta, 1958, No. 2, pp. 297-311

TEXT: A radio control system for oil wells developed by the Department  
of Automation and Telemechanics of the Taganrog Radiomechanical Institute is  
described. A distributing method of selection with a code consisting of sub-  
carrier frequency pulses and intervals is adopted in the system. As synchronizing  
pulses are used ones of 50 m sec duration with the same intervals between the  
pulses; as selecting pulses and intervals are used ones prolonged up to 125 m.  
sec. Relays RKN and step finders ShI-11 and ShI-17 are applied in the circuits.  
Frequency modulation is adopted in the radio channel. The carrier frequency is

S/112/59/000/014/045/085  
A052/A001

Radio Control System (For a Comprehensive Control of Industrial Objects)

43.7 Mc, the subcarrier frequencies are 860, 1,250, 2,000 and 3,000 cycles. The sensitivity of the radio receiver is 60 microvolts. Operating range is up to 20 km. The system is fed with 48-volt rectified current. There are 8 illustrations.

B.A.K.

Translator's note: This is the full translation of the original Russian abstract.

L 30399-66 EWT(d)/FSS-2

ACC NR: AP6007867

SOURCE CODE: UR/0103/66/000/002/0100/0106

AUTHOR: Zyablov, R. P. (Taganrog)

ORG: none

TITLE: The determination of the message delay time in the transmission of telecommunication data

SOURCE: Avtomatika i telemekhanika, no. 2, 1966, 100-106

TOPIC TAGS: telecommunication, data transmission, information theory, *QUEUEING THEORY*

ABSTRACT: The author uses queuing theory methods to determine message delay time in telecommunications. Two typical cases with a constant and exponentially distributed time of transmission are examined under transient and stationary conditions. It is found that the message delay time distribution depends on the distribution of their transmission time and is determined by the operational characteristics of the telecommunications systems, i. e., a mathematical message waiting time and information flow rates. Expressions are derived for the determination of the transient and the stationary modes of waiting time distribution. Orig. art. has: 3 figures and 9 formulas.

SUB CODE: 709 / SUBM DATE: 04Sep65 / ORIG REF: 003 / OTH REF: 004  
Card 1/1 *cc*

UDC: 621.398.3

53  
B

**ZYABLOV, Rostislav Petrovi, starshiy prepodavatel**

Distribution of the realization of telemechanic data transmission flows with discrete communications. Izv. vys. ucheb. zav.; elektromekh. 8 no.4:421-430 '65. (MIRA 18:5)

1. Kafedra avtomatiki i telemekhaniki Taganrogskogo radiotekhnicheskogo instituta.

Wireless remote control in oil fields. Izv. vys. ucheb. zav.;  
neft' i gaz 4 no.3:113-117 '61. (MIRA 16:10)

1. Taganrogskiy radiotekhnicheskii institut.



GRINVAL'D, G.; POPOV, V., LIPATKIN, Ye.; KIM, L.; ZYABLOV, V.; BIRYUKOV, P.

Transportation of large elements. Stroitel' 8 no.5:26-27 My '62.

(MIRA 15:7)

(Precast concrete—Transportation)

SINYAVSKIY, V.N., kand. tekhn. nauk; ZYABLOV, V.A., kand. tekhn.  
nauk, retsenzent

[Machines and equipment for cultivating root crops;  
theory and design fundamentals] Mashiny i oborudovanie  
dlia obrabotki korneklubnoplodov; teoriia i osnovy  
proektirovaniia. Moskva, Mashinostroenie, 1964. 110 p.  
(MIRA 18:2)

Some new data on the afferent innervation of the human pia  
mater spinalis. Arkh. anat., gist. i embr. 46 no.6:33-41  
Ja '64. (MIRA 18:3)

1. Kafedra normal'noy anatomii (zav. - prof. V.V. Bobin) Krymskogo  
meditsinskogo instituta, Simferopol'.

TRACH, V.V.; ZABLOV, V.I.

Sheathed branches of cerebrospinal nerves and the pain problem  
in lesions of epidural structures. Zhur. nevr. i psikh. 64 no.  
11:1644-1647 '64. (MIRA 18:6)

1. Kafedra normal'noy anatomii (zaveduyushchiy - prof. V.V.  
Bob'n) Krymskogo meditsinskogo instituta, Simferopol', i kafedra  
normal'noy anatomii (zaveduyushchiy - prof. V.V. Kupriyanov) II  
Moskovskogo meditsinskogo instituta.

ZWOLINSKI, TADEUSZ.

Przewodnik po Tatrach. Wyd. 10, zakualizowane, obejmujace cale Tatry.

Warszawa, Sport i Turystyka

1958, 467 p.

Monthly list of East European Accessions (EEAI). LC. Vol. 8, no. 7, <sup>July</sup> 1959.

Uncl.

JANOWIEC, Mieczysław; ZWOLSKA, Zofia

Determination of the catalase and peroxidase activity of  
tuberculous strains isolated from diagnostic material by the  
slide and test tube method. Gruzlica 31 no.8:865-873 '63.

1. Z Zakładu Mikrobiologii Instytutu Gruzlicy w Warszawie  
Kierownik: doc. dr M. Buraczewska.  
(MYCOBACTERIUM TUBERCULOSIS) (CATALASE)  
(PEROXIDASES)

KURYLOWICZ, Wlodzimierz; ZWOLSKA, Zofia; WOZNICKA, Wanda; NIEMCZYK, Hanna

Application of genetics in the antibiotics industry. Postepy  
mikrobiol 3 no.2:231-248 '64

1. Institute of Tuberculosis and Institute of Antibiotics,  
Warsaw.

ZWOLSKA, Zofia

Evaluation of the tampon method in the bacteriological  
diagnosis of tuberculosis. Gruzlica 33 no.5:447-449  
My 165.

1. Z Zakladu Mikrobiologii Instytutu Gruźlicy (Kierownik:  
doc. dr. M. Buraczewska).



ZWOLSKA-OPALANSKA, Zofia

Tuberculostatic properties of marphazinamide. Gruzlica 33  
no.11:1193-1196 N ' 65

Comparison of the results of drug resistance test by means of  
vertical diffusion and classical methods. 1203-1206.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy (Kierownik:  
doc. dr. M. Buraczewska).

Studies on ectoparasites on small mammals in natural swamp fever  
foci. Wiadomości parazyt. 6 no.6:519-527 '60.

1. Zakład Antropozoonoz Instytutu Medycyny Pracy i Higieny Wsi i  
Zakład Zoologii WSR, Lublin.  
(LEPTOSPIROSIS transm)  
(INSECT VECTORS)

Sensitivity of *Microtus arvalis* and of certain Arthropoda to influenza virus infection. *Wiadomosci parazyt.* 6 no.6:529-531 '60.

1. Zaklad Antropozoonoz Instytutu Medycyny Pracy i Higieny Wsi i Katedra Mikrobiologii Lekarskiej Akademii Medycznej, Lublin.  
(INFLUENZA exper)  
(INSECT VECTORS)

PARNAS, Jozef; ZWOLSKI, Wlodzimierz; BURDZY, Krystyna

Infection of lice *Polyplax spinulosa* and *Hoplopleura acanthopus*  
with *Brucella brucei*. *Wiadomosci parazyt.*, Warsz. 6 no.5:441-445  
'60.

1. Zaklad Antropozoonoz Instytutu Medycyny Pracy i Higieny Wsi, Lublin  
(INSECTS)  
(BRUCELLA)

ZWONKOW, W.

ZWONKOW, W. Complex development of all kinds of transportation. p. 384.

Vol. 7, No. 10, Oct. 1955

PRZEGLĄD KOLEJOWY

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

ZWOLSKI, Pawel, mgr inz., st. asystent

Testing and principles of vacuum pumps with water ring. Przegl  
mach 22 no.14:446-449 25 J1 '63.

1. Katedra Maszyn Wodnych, Politechnika, Wroclaw.

SWITALSKI, Piotr, mgr inż.; ZWORSKI, Paweł, mgr inż., st. asystent.

Determination of the suction characteristics of centrifugal  
pumps by power engineering methods. Przegl. mech 23 no.6:  
161-165 25 Mr'64

1. Swidnicka Fabryka Urzadzen Przemyslowych, Swidnica (for  
Switalski). 2. Katedra Maszyn Wodnych, Politechnika, Wroclaw  
(for Zworski).

**ZWOZDIAK, Włodzimierz**

**Pathogenesis and therapy of organic diseases according to the  
Pavlovian theory. Polski tygod. lek. 9 no.10:314-315; contd.  
8 Mar 54.**

**1. Z Kliniki Chorob Nerwowych Akademii Medycznej w Poznaniu,  
kierownik: prof. dr med. A. Dowzenko.  
(NERVOUS SYSTEM, diseases,  
Pavlovian theory)**



WENNER, Mieczysław; ZWOZDZIAK, Włodzisław

Acute development of suboccipital invagination in a case of meningo-encephalitis and ependymitis of probably tuberculous etiology. Neurol neurochir psych 12 no.4:609-613 J1-Ag '62.

1. Klinika Neurologiczna, Akademia Medyczna, Poznan. Kierownik: prof. dr A. Dowzenko.

4

~~WOLFE, W.~~

Virus disease of the nervous system in USSR. Neurol. neurochir.  
psychiat. polska 1 no.3:196-205 1951. (CIML 21:5)

1. Of the Neurological Clinic (Head--Prof. A. Dowzenko, M.D.) of  
Poznan Medical Academy.

ZWOZDZI/K. Włodzimierz

The effect of streptomycin on the chronax of vestibular system.  
Roczn. akad. med. Marchewski: suppl. 10: 1-82 '64.

ZWOZDZIAK, Włodzimierz

Vertigo in diseases of the nervous system. Polski tygod. lek. 16  
no.9:350-353 27 F '61.

1. Z Kliniki Neurologicznej A.M. w Poznaniu; kierownik: prof.  
dr A. Dowzenko.

(VERTIGO etiol) (NEUROLOGY diag)

ZWOZDZIAK, Włodzimierz

Reticular formation of the brain stem and its clinical significance.  
Polski tygod. lek. 16 no.38:1466-1470 18 S '61.

1. Z Kliniki Neurologicznej A.M. w Poznaniu; kierownik: prof. dr  
A. Dowzenko.

(BRAIN STEM)

Acute course of suboccipital impression in a case of meningoencephalitis  
and ependymitis of possible tuberculous etiology. Neurol. neurochir.  
psychiat. pol. 12 no.4:609-613 '62.

1. Z Kliniki Neurologicznej AM w Poznaniu. Kierownik: prof. dr  
A. Dowznerko.

(OCCIPITAL LOBE) (EPENDYMA) (MENINGOENCEPHALITIS)  
(TUBERCULOSIS)

ZWOZDZIAK, Włodzimierz

Case of generalized primary melanoma of the meninges with blood in the cerebrospinal fluid. Polski tygod. lek. 10 no. 36:1176-1178 5 Sept 55.

1. Z Kliniki Neurologicznej A.M. w Poznaniu: Kierownik: prof. dr. A. Dowzenko. Adres: Klinika Neurologiczna A.M. w Poznaniu.  
(MENINGES, neoplasms,  
melanoma, with blood in CSF)  
(MELANOMA,  
meninges, with blood in CSF)  
(CEREBROSPINAL FLUID,  
blood, in melanoma of meninges.)

**ZWOZDZIAK, Włodzimierz** (Poznan, ul. Langiewicza 19 m 3)

**Pathogenesis and therapy of organic diseases of the nervous system  
according to the Pavlovian theory. Polski tygod. lek. 9 no.11:343-  
347 15 Mar 54.**

**(NERVOUS SYSTEM, diseases,  
Pavlovian theory)**



So-called essential intracranial hypotension. Neurologia etc.  
polska 4 no.2:173-179 Mar-Apr 54.

1. Z Kliniki Neurologicznej Akademii Medycznej w Poznaniu. Kierownik:  
prof. dr. A. Dowzenko.  
(CEREBROSPINAL FLUID,  
hypotension)

ZWYKIELSKI, Grzegorz; MATULEWICZ, Stanislaw

Osteosis dissecans. Polski przegl.chir. 27 no.4:335-340 Apr'55.

1. Z III Kliniki Chirurgicznej kierownik prof. dr Kieturakis i  
z Zakl. Radiologii A.M. W Gdansk (kierownik prof. dr Ks. Rowin-  
ski) Gdansk-Wrzeszcz, ul. Wajdeloty 10.

(OSTEOCHONDritis,  
dissecans, pathogen., terminol. problems)

ZWYKIELSKI, Grzegorz (Gdansk-Wrzeszcz, Wajdeloty 10)

Surgical treatment of acute diseases of the pancreas. Polski tygod. lek.  
13 no.9:304-306 3 Mar 58.

1. (Z III Kliniki Chirurgicznej AMO; kierownik: prof. dr Zdzisław Kietura-  
kis)

(PANCREATITIS, surg.  
in acute pancreatitis (Pol))

Tuberculosis of the spleen. Polski przezl. chir. 31 no.3:345-348 Mar 59.

1. Z III Kliniki Chirurgicznej A. M. Gdansk Kierownik: prof. dr Z.  
Kieturakis. Adres autora; Gdansk-Wrzeszcz, ul. Wajdeloty 10.

(TUBERCULOSIS, case reports,

spleen (Pol))

(SPLEEN, dis.

tuberc. (Pol))

ZWYKIELSKI, Grzegorz; DILAJ, Jerzy

Effect of prednisolone on the serum bilirubin level in  
experimental mechanical jaundice. Pol. przegl. chir. 35  
no.7/8:744-746 '63.

1. Z III Kliniki Chirurgicznej AM w Gdansk Kierownik: prof.  
dr Z. Kieturakis.

(JAUNDICE, OBSTRUCTIVE) (PREDNISOLONE)  
(PHARMACOLOGY) (BILIRUBIN)  
(BLOOD CHEMICAL ANALYSIS)

TAPER, H.; ZWYKIELSKI, Gr.

Observations on thyroid carcinoma in children. Stud. cercet.  
endocr. 15 no.3:247-251 '64.

ZWYKIELSKI, Grzegorz; TYMINSKI, Witold; LEWICKI, Kazimierz

Postoperative hemorrhage caused by fibrinogen deficiency.  
Pol. przeł. chir. 37 no. 12:1299-1309 D ' 65

1. Z III Kliniki Chirurgicznej AM w Gdansk (Kierownik: prof.  
dr. Z. Kieturakis) i z III Kliniki Chorob Wewnętrznych AM  
w Gdansk (Kierownik: prof. dr. M. Gamski).

ZWOZDZIAK, Włodzisław

History of the Department of Medicine of the Lwow University.  
Arch. hist. med. 28 no.1/2:57-85 '65.

1. Z Zakładu Historii i Filozofii Medycyny Uniwersytetu Poz-  
nańskiego (dyrektor prof. dr. Adam Wrzosek).



**XXAMBERY, Pal, dr.**

Acute hepatitis associated with chronic kidney disease.  
Orv. hetil. 98 no.27:743-745 7 July 57.

1. A Vasmegyei Tanács "Markusovszky" Kórhaza (igazgató:  
Szvohoda, Jeno, dr.) I. sz. Belgyógyászati Osztályának  
(főorvos: Vasarhelyi, Bela, dr.) közleménye.

(HYPERTENSION

renal, chronic, complicated with hepatitis, fatal  
case (Hun))

(NEPHRITIS, compl.

hepatitis in chronic nephritis, fatal case (Hun))

(HEPATITIS, compl.

chronic nephritis & renal hypertension, fatal cases (Hun))

ZYABBAROV, A.A., kand. med. nauk (Kazan')

Clinicoroentgenological diagnosis of aneurysms of the  
cerebral vessels. Klin. med. 41 no.4:115-118 Ap '63.  
(MIRA 17:2)

1. Iz kafedry rentgenologii i radiologii No.1 (zav. - prof.  
M.Kh. Fayzullin) Kazanskogo gosudarstvennogo instituta us-  
vershenstvovaniya vrachey imeni V.I. Lenina (rektor -  
dotsent Kh.Z. Akhunzyanov).

ZYABITSKIY, A. [Ziabicki, A.]

Physical bases of the formation process of synthetic fibers.  
Khim. volok. no.2:8-19 '64. (MIRA 17:5)

1. Institut obshchey khimii, Varshava, Pol'skaya Narodnaya  
Respublika.

ZYABBAROV, A.A., assistant

Difficulties in the detection of a foreign body in the bronchus not causing a blockage of its lumen. Kaz. med. zhur. no. 2:78 Mr-Apr '61.  
(MIRA 14:4)

1. Kafedra rentgenologii i radiologii No.1 (zav. - prof. M.Kh. Fayzullin) Kazanskogo gosudarstvennogo instituta dlya usovershenstvovaniya vrachey imeni V.I. Lenina.  
(BRONCHI—FOREIGN BODIES)

FAYZULLIN, M.Kh., prof.; ZYABBAROV, A.A., kand.med.nauk (Kazan')

First All-Russian Congress of Roentgenologists and Radiologists  
and the First All-Russian Conference on Fluorography (August  
28-31, 1961, Kuybyshev Province). Kaz. med. zhur. no.1:98 Ja-F  
'62. (MIRA 15#3)

(DIAGNOSIS, FLUOROSCOPIC--CONGRESSES)  
(RADIOLOGY, MEDICAL--CONGRESSES)

ROMANOV, Yu.D., kand.med. nauk; ZYABBAROV, A.A., kand.med. nauk; RUSETSKIY,  
I.I., prof.; ANDREYEV, V.P., dotsent

In the scientific medical societies of the Tatar A.S.S.R.  
Kaz.med. zhur. 4:94-97 J1-Ag'63 (MIRA 17:2)

1. Sekretar' Obshchestva terapevtov Tatarskoy ASSR (for Romanov).
2. Sekretar' Obshchestva rentgenologov i radiologov Tatarskoy ASSR (for Zyabbarov).
3. Predsedatel' Obshchestva nevropatologov i psikhiatrov Tatarskoy ASSR (for Rusetskiy).
4. Sekretar' Obshchestva nevropatologov i psikhiatrov Tatarskoy ASSR (for Andreyev).

ZYABBAROV, A.A., Cand Med Sci--(diss) "Clinico-Roentgenological observations  
of patients with non-operated gastric polyps." Len, 1958. 20 p.  
(Min of Health USSR. Central Sci Res Roentgen-Radiological Inst),  
150 copies (KL, 44-58,125)

*substitution*  
ZYABPANOVA, S.A., Cand Med Sci -- (diss) "Experimental ~~hygiene~~ <sup>permissible</sup> of  
the maximum ~~accessible~~ concentration of pyridine in reservoir  
water." Len, 1958, 11 pp (Min of Health RSFSR. Len Sanitary  
Hygiene Med Inst. Chair of Communal Hygiene LSGMT. Toxicology  
Laboratory of the Inst of Hygiene of Labor) (KL, 27-58, 117)



**ZYABBAROVA, S.A.**

Determination of the maximum permissible concentration of pyridine  
in the water of a reservoir [with summary in English]. Gig. i san.  
23 no.7:30-35 J1 '58. (MIRA 12:1)

1. Iz kafedry kommunal'noy gigiyeny Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta i toksikologicheskoy laboratorii Nauchno-issledovatel'skogo instituta gigiyeni truda i professional'nykh zabolevaniy, Leningrad.

(WATER SUPPLY

pyridine, determ. of maximum permissible concentration in reservoirs (Rus))

(PYRIDINES, determ.

maximum permissible concentration in water reservoirs (Rus))

ZYABBAROVA, S.A.

Maximum permissible concentrations of methylvinylpyridine and  
methylethylpyridine in the water. [supply]. Trudy LSGMI no.68:  
138-143 '61. (MIRA 15:11)

1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-  
gigiyenicheskogo meditsinskogo instituta (sav. kafedroy - prof.  
A.I.Shtreys).

(WATER—POLLUTION)

(PYRIDINE)

**ZYABBAROVA, S.A.**

**Data for determining the maximum permissible concentration of pyridine  
in natural water [with summary in English]. Trudy ISGMI 44:43-52  
'58 (MIRA 11:12)**

**1. Kafedra kommunal'noy gigiyeny Leningradskogo sanitarno-  
gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - prof.  
P.K. Ageyev) i Toksikologicheskaya laboratoriya Instituta gigiyeny  
truda i profzabolevaniy (rukovoditel' laboratorii - prof. I.D.  
Gadaaskina).**

**(WATER SUPPLY,**

**maximum permissible concentration of pyridine, exper.  
in rats (Rus))**

**(PYRIDINES,**

**maximum permissible concentration in drinking water (Rus))**

MILITSKOVA, Ye.A.; GRINEVICH, K.P.; SOKOLOV, A.D.; ZYABKIN, A.P.

Organosilicon polymer liquids as lubricants for molds in  
casting and compression molding of articles made of thermo-  
plastics. Plast.massy no.3:72-73 '60. (MIRA 13:6)  
(Silicon organic compounds) (Plastics) (Adhesion)

KISLENKO, Nikolay Trofimovich; ZYABKIN, Ivan Vasil'yevich;  
ZABLOTSKIY, Valentin Titovich; NIKITIN, A.G., red.

[Repair of the ZIL motortrucks] Remont gruzovykh avto-  
mobile: ZIL. Moskva, Transport, 1964. 368 p.  
(MIRA 18:1)

GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron background over the earth's surface. Atom. energ. 17 no.6:  
492 D '64 (MIRA 18:1)

38991

S/089/62/013/001/007/012  
B102/B104

21.5210

AUTHORS:

Gorshkov, G. V., Zyabkin, V. A., Tsvetkov, O. S.

TITLE:

Neutron yield of the  $(\alpha, n)$ -reactions from Be, B, C, O, F, Mg, Al, Si, and granite induced by polonium  $\alpha$ -particles

PERIODICAL: Atomnaya energiya, v. 13, no. 1, 1962, 65 - 67

TEXT: Five years ago the authors used ampoules containing radon as radiation sources to determine neutron yields and energies (Dokl. AN SSSR, 116, no. 2, 211, 1957). In the present experiments the only alpha emitter contained in such ampoules is the radon decay product polonium, along with the target substances. The alpha-particle energy is 5.298 Mev. Boric acid, enriched in B<sup>10</sup> up to 90% and silver-activated zinc sulfide were used, together with a photomultiplier, as slow-neutron detector. For the purpose of the measurements the ampoule was placed in an air-filled cavity within a lump of paraffin, above the detector and photomultiplier, all enclosed by the paraffin. To eliminate the cosmic background all measurements were repeated in the earth at a depth equivalent to 200 m of water. The paraffin 25 cm thick served as a shield against the neutron radiation of the rock.

Card 1/2

Neutron yield of the ...

S/089/62/013/001/007/012  
B102/B104

The proper background of the arrangement itself was about 6 pulses/24 hrs per  $\text{cm}^2$  of the detector. The lower limit of sensitivity of the arrangement was 0.05 neutr./sec. $\cdot 4\pi$ .

The target materials,  $E_n$  values for which corrected and yield of neutrons/ $10^6$   $\alpha$ -particles were respectively;

Be,  $E_n = 5.0$ ,  $84.4 \pm 0.9$ ; B,  $E_n \sim 3.4$ ,  $19.6 \pm 0.2$ ; C,  $E_n \sim 2.9$ ,  $0.113 \pm 0.015$ ;  $\text{CaF}_2$ ;  $E_n \sim 2.2$ ,  $6.45 \pm 0.09$ ; Mg,  $E_n \sim 3.6$ ,  $1.33 \pm 0.04$ ; Al,  $E_n \sim 2.0$ ,  $0.76 \pm 0.03$ ; Si,  $E_n \sim 2.6$ ,  $0.168 \pm 0.020$ ;  $\text{SiO}_2$ ,  $E_n \sim 2.6$ ,  $0.107 \pm 0.014$ ; granite,  $E_n$  2.5,  $0.238 \pm 0.013$ ; O, mean value  $0.068 \pm 0.01$ .

The errors given are the absolute squares, systematic errors being estimated as not higher than 6-7%. There are 2 figures and 2 tables.

SUBMITTED: January 6, 1962

Card 2/2



ZYABKIN, V.S.

Achievements of Soviet metallurgy. Inform. biul. VUNKH no.2:1  
F '64. (MIRA 17:8)

TSAO TSZO-TSZYAN [Ts'ao Tso-chiang]; MUSAKIN, A.P.; ZYABKINA, Ye.P.

Polarographic semimicrodetermination of acetoacetic esters.

Trudy LTI no. 59:12-16 '61.

(MIRA 17:9)

FAN-YUNG [Fang-yung, A.F.] ; KAGAN, I.S.; GRISHINA, I.P.; ZYABKO, I.P.

Problems of the filtration of grape juice. Kons. i ov. prom. 14  
no.9:11-12 S '59. (MIRA 12<sup>1</sup>12)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy promyshlen-  
nosti.

(Grape juice)

Investigation of cements of the Sorel type. V. F. Zhuraviev and E.P. Zyabkin. Prom. Stroitel. Material. 1941, No. 5, 10-13; Khim. Zashch. 1942, II, 2835. - To investigate the binding of compds. similar to the Sorel cements:  $MgO + MgCl_2 + H_2O$  or  $ZnO + ZnCl_2 + H_2O$  the other  $MeO + MeCl_2 + H_2O$  of the 2nd group were investigated. Pure chemicals were used which passed a screen of about 170 mesh (4900 mesh/sq. cm.). The mix was made according to Kuhl with sand 1:3, and plastic pressed bodies were formed the binding of which was checked with the "Vicatneedle." Results: Be compds., no binding. Ca compds. with 25%  $CaCl_2$  soln., normal consistency at 75%, binding started after 7 min., was finished after 8 min.; Sr compds. with 30%  $SrCl_2$  soln., normal consistency at 90%, binding started after 30 sec., was finished after 40 sec.; Ba compds. 25% soln., normal consistency at 80%, binding immediately forming ~~normal consistency at 80%, binding immediately forming~~ solid stonelike body; Cd compds., normal consistency at 25%, binding starts after 40 min., was finished after 65 min.

J. A. Hey

S/191/60/000/003/013/013  
B016/B054

AUTHORS: Militskova, Ye. A., Grinevich, K. P., Sokolov, A. D.,  
Zyabkin. A. P.

TITLE: Liquid Organosilicon Polymers Used as Lubricants for Molds  
in Casting and Molding of Thermoplastics

PERIODICAL: Plasticheskiye massy, 1960, No. 3, pp. 72 - 73

TEXT: The authors report on their experiments concerning the use of liquid organosilicon polymers to lubricate molds for thermoplastics. They used liquids No.3, No.5 (5L), and ГЖЖ-94 (GKZh-94) (polyethylsiloxane), as well as three polymethyl-siloxane liquids (No. 1-3) of different viscosities. These liquids were used as lubricants in processing colorless and filled polystyrene, caprone, polymethyl etrols, methacrylate, and copolymers of methyl methacrylate with styrene. No.5 and GKZh were manually applied to the molds. The latter liquid yielded better results: After a single treatment, it was possible to cast 25-60 pieces of different materials in the mold. No.3 and the polymethyl-siloxane liquids were sprayed onto the molds. An admixture of easily

Card 1/2

Liquid Organosilicon Polymers Used as  
Lubricants for Molds in Casting and  
Molding of Thermoplastics

S/191/60/000/003/013/013  
B016/B054

volatile liquids (mostly of liquid isobutylene) was used to generate pressure. The mixture was filled in the sprayer in a cooled state. Compressed air was used for spraying when the liquid was employed in an organic solvent. Results are tabulated. The use of polysiloxane liquids prevents the adherence of products to molds, cracking of workpieces, and damages when taking them out of the mold. There are 2 figures and 1 table.

USSE/Diseases of Farm Animals. Diseases Caused by  
Bacteria and Fungi

K-2

Abs Jour: Ref Zhur - Biol., No 1, 1959, 2802

Author : Trilenko, P. A., Chistov, N. P., Zhabkin,  
A. S., Podkopayev, V. M., Kryachko, L. N.

Inst : Leningrad Scientific Research Veterinary Insti-  
tute

Title : The Results Obtained when Using SVIS 61 Strain  
Vaccine for Sanitation of Cattle from Brucel-  
losis

Orig Pub: Sb. tr. Leningr. n.-i. vet. in-t, 1957, vyp. 7,  
56-66

Abstract: No abstract

Card 1/1

Bees - Diseases

Treating European foul brood with penicillin. Pchelovodstvo, 29, No. 7, 1952.

Monthly List of Russian Accessions Library of Congress October 1952. UNCLASSIFIED.



ZYABKIN, M. A.

26

OK

Apparatus for oxidizing linseed oil. M. A. Zyabkin and M. M. Nuzhakov. Russ. Zh. Khim., Feb. 20, 1930. The app. consists of 2 kettles, one inside the other. The larger vessel (2) is equipped with a steam inlet for heating the inner vessel (1) and the oil, circulated through a coil and used for the oxidation of the oil. The vessel (1) has a coil for circulating steam at the beginning and cold water at the end of the process. The oil is atomized by a nozzle placed in the center of kettle (1).

AS 4.5.1.4 METALLURGICAL LITERATURE CLASSIFICATION

GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron yield from nitrogen, oxygen, air, and water under  
the action of radium C'  $\alpha$ -particles. Atom. energ. 13  
no.5:475-476 N '62. (MIRA 15:11)  
(Neutrons) (Radium) (Alpha rays)

EPF(n)-2/ENT(m)/BDS--AFFTC/ASD/AFWL/ESD--Pu-1

ACCESSION NR: AP3002258

8/0089/63/014/006/0544/0549  
62-

AUTHOR: Gorshkov, G. V.; Ziyabkin, V. A.; Tsvetkov, O. S.

TITLE: Neutron yield from some materials on bombardment with radon alpha particles and their decay products

SOURCE: Atomnaya energiya, v. 14, no. 6, 1963, 544-549

TOPIC TAGS: neutron yield, radon alpha particles, ores, minerals

ABSTRACT: The neutron yield was measured from the reaction ( $\alpha$ , n) with some light elements, chemical compounds, minerals, and ores. The apparatus used is described. The alpha particles were emitted by Rn + RnA + RaC prime. The ratios of the yields of Rn + RaA to Rn + RaA + RaC prime were also determined. The experimental values of the yield from some ores and minerals are compared with the computed ones. It is shown that the neutron yields from ores and minerals are due mainly to those from Al and Si. "The authors are grateful to A. M. Trofimov for the opportunity to conduct the work, and to Z. B. Svetovidov for help with electrical measurements." Orig. art. has: 2 figures, 2 tables, and 3 equations.

ASSOCIATION: none

Card 1/2

GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron yield from certain materials induced by  $\alpha$ -particles of radon  
and its decay products. Atom. energ. 14 no.6:544-549 Je '63.

(MIRA 16:7)

(Radon—Decay) (Neutrons) (Alpha rays)

GORSHKOV, G.V.; ZYABKIN, V.A.; TSVETKOV, O.S.

Neutron yield of ( $\alpha$ , n) reactions from Be, B, C, O, F, Mg, Al,  
Si, and granite under the action of  $\alpha$ -particles from polonium.  
Atom. energ. 13 no.1:65-67 J1 '62. (MIRA 15:7)  
(Nuclear reactions) (Neutrons) (Alpha rays)

S/081/62/000/006/036/117  
B101/B110

AUTHORS: Zyabkina, Ye. P., Aver'yanov, S. V.

TITLE: Amperometric titration of uranium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 133, abstract  
6D106 (Tr. Leningr. tekhnol. in-ta im. Lensovet, no. 55,  
1961, 172)

TEXT: Methods of amperometric titration of U by means of solutions of  
 $\text{KH}_2\text{PO}_4$  and m-nitrophenyl arsonic acid are suggested. The effect of Al,  
Mg, Ba, Ca, and Fe, as well as of the pH of the solution and of a change  
in the medium (nitric or acetic uranyl solution) on the determination of  
U by these methods was studied. [Abstracter's note: Complete transla-  
tion.]

S/081/62/000/006/028/117  
B171/B101

AUTHORS: Zyabkina, Ye. P., Yevdokimov, V. F.

TITLE: Use of hard electrodes in polarography

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 120, abstract  
6D21 (Tr. Leningr. tekhnol. in-ta im. Lensovet, no. 55,  
1961, 174)

TEXT: It has been established that rotating hard electrodes can be used  
for amperometric titration of Th by a fluoride, with  $\text{Fe}^{3+}$  as indicator  
ion. [Abstracter's note: Complete translation.]

Card 1/1

✓

S/110/60/000/010/014/014  
E073/E535

**AUTHORS:** Dolin, N.F. and Zyabkina, Z.F., Engineers

**TITLE:** Conference on Transformer Construction

**PERIODICAL:** Vestnik elektropromyshlennosti, 1960, No.10, pp.77-78

**TEXT:** The conference was held in Zaporozh'ye from April 5-9, 1960. There were over 300 participants. 38 papers and 23 communications were presented. The representative of Gosplan, USSR, P. P. Chusov presented a paper on the tasks and prospects of development in the field of transformer design during 1960-1965, a period during which the production of transformers is to increase by a factor of 3.3. I. S. Kalinichenko, Elektrotechnicheskiy nauchno-issledovatel'skiy institut (Electrotechnical Scientific Research Institute), Zaporozh'ye presented a paper on the present state and prospects of development in the field of large power transformers and auto-transformers. Representatives of other works presented papers on new series and on trends of development in the transformer field. Doctor of Technical Sciences G. N. Petrov discussed the prospects of introducing multi-winding auto-transformers to satisfy the increasing requirements of interconnected networks with differing voltages. K.K. Chernov, Glavnyy

Card 1/3



S/110/60/000/010/014/014  
E073/E535

### Conference on Transformer Construction


energeticheskii upravleniya (Chief Power Directorate), Gosplan, USSR, presented a paper in which failures of transformers produced in 1950 were analysed. I. D. Yanshina (MTZ) and B. A. Alekseyev (VNIIE) dealt with methods of investigating and monitoring the humidity of insulation. V. S. Panasyuk (MTZ) dealt with methods of drying transformers. B. V. Vanin and N. B. Leonidova (VNIIE) analysed data on the humidity of transformers in operation and on investigation of processes of drying transformer insulation. V. V. Girshberg (VNIIE) dealt with the present state and the trends of development in manufacturing complete transformer substations. The problem of using aluminium in transformers was dealt with by M. A. Bass (ZTZ). A. N. Kalyakina (VEI) presented a paper on new insulation materials for transformers. Results of testing and investigation of the dynamic strength of aluminium windings of transformers with textured steel cores were presented by I. S. Nayashkov. L. V. Zamyatina and A. V. Sapozhnikov presented results of investigations of internal protection of transformers and auto-transformers from atmospheric over-voltages.

Card 2/3

S/110/60/000/010/014/014  
E073/E535

### Conference on Transformer Construction

Yu. A. Vasil'chenko (ZTZ) reported on methods of improving the cooling of transformers. V. I. Nepomnyashchii, Komitet standartov, mer i izmeritel'nykh priborov Sovet Ministrov SSSR (Committee of Standards, Gauges and Metering Instruments, Council of Ministers, USSR) presented a paper on the tasks and advantages of standardization in transformer construction.



215-8000, A.F. [Fang-fung, A.F.]; KAGAN, I.S.; GRISHINA, I.P.; ZYABKO, L.P.

Removal of gas from semi-processed grape juice. Kons. i ov. prom.  
14 no.11:30-33 N '59. (MIRA 13:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy promyshlen-  
nosti.

(Grape juice)

Training and experimental farm of a boarding school. Politekh.  
obuch. no.5:22-29 My '58.

(MIRA 11:5)

- 1.Kafedra pedagogiki Omskogo pedagogicheskogo instituta.  
(Agriculture--Study and teaching)  
(Omsk--Boarding schools)

Changes in the peripheral blood during osteosynthesis with metal  
nails, Trudy LSGMI 59:84-92 '60. (MIRA 14:9)

1. Klinika obshchey khirurgii Leningradskogo sanitarno-gigiyeniche-  
skogo meditsinskogo instituta (zav. klinikoy - prof. I.M.Tal'man).  
(INTERNAL FIXATION IN FRACTURES) (BLOOD)

SOV/110-59-9-22/22

AUTHORS: Dolin, N.F., and Zyabkina, Z.F. (Engineers)

TITLE: A Scientific-technical Conference on Rectifiers

PERIODICAL: Vestnik elektropromyshlennosti, 1959, Nr 9, p 80 (USSR)

ABSTRACT: A scientific-technical conference on rectifiers was held in Zaporozh'ye. There were more than 300 delegates from 135 organisations representing research institutes, and various organisations concerned with the development, manufacture, erection and operation of rectifiers. Expected developments in rectifier technique during the period 1959-65 were considered. The need for suitable rectifiers for many branches of industry was noted, but the present state of affairs was not considered satisfactory. New types of rectifiers including high-quality semiconductor materials are being introduced very slowly. In recent years research laboratories and factories have nevertheless achieved appreciable successes. A series of pumpless rectifiers is manufactured. Special types of rectifier equipment have been developed for different applications. Germanium rectifiers have been developed for currents from 10 to 200 A and voltages from 100 to 200 V. The ionic excitation system of the

Card  
1/2

SOV/11C-59-9-22/22

A Scientific-technical Conference on Rectifiers

hydro-alternators at the Volga Power Station is working satisfactorily. Construction has commenced on the first full-scale 800 kV d.c. transmission line from the Stalingrad power station to the Donbas. Sixty reports and communications were read. Serious defects were revealed in the organisation of production and in the development of new types of rectifier. The developments necessary in the period 1959-65 were reviewed and it was recommended that individual factories should specialise. The main directions of technical development in Rectifiers were pointed out. There are no figures, no references.

Card  
2/2

USCOMM-DC-61,750

Conference on the manufacture of electric transformers. Vest. elek-  
troprom. 31 no.10:77-78 0 '60. (MIRA 15:1)  
(Electric transformers--Congresses)



Solanine content of eggplants in the dynamics of their growth  
and development. Izv.vys.ucheb.zav.; pishch.tekh. no.1:26-28  
'64. (MIRA 17:4)

1. Ukrainskiy nauchno-issledovatel'skiy institut konservnoy  
promyshlennosti.

KRASNAYA, B.Ya. [Krasna, B.Ia.]; KIRILLOVA, A.A. [Kirylova, O.O.];  
ZYABKO, L.P.; SAVCHUK, N.I.

New synthetic glue for labeling machines. Khar. prom. no. 3:26-  
27 JI-S '65. (MIRA 18:9)

L 4 APPROVED FOR RELEASE Thursday, September 24, 2002  
APPROVED FOR RELEASE Thursday, September 24, 2002  
ACC NR: RU024956

CIA-RDP86-00513R002065720014-4  
CIA-RDP86-00513R002065720014-4

SOURCE CODE: UR/0081/66/000/006/S078/S078

AUTHOR: Krasnaya, B. Ya.; Zyabko, L. P.

TITLE: Decreasing the oxygen permeability of polyethylene packing 15

SOURCE: Ref. zh. Khimiya, Part II, Abs. 6S559

REF SOURCE: Tara i upakovka. Ref. inform., no. 12, 1965, 3-4

TOPIC TAGS: packing material, protective coating, polyethylene plastic, polyvinyl alcohol

ABSTRACT: A method is described for depositing a protective coating of PVA on polyethylene. The oxygen permeability (OP) of the polyethylene packing, protected with a modified film of PVA, decreases by a factor of 70. For example, polyethylene film 65  $\mu$  thick coated with a modified film of PVA 20  $\mu$  thick has an OP of  $68 \times 10^{10}$ , and the OP of an uncoated polyethylene film amounts to  $4722 \times 10^{10}$  ml/cm<sup>2</sup> sec atm. N. L.  
[Translation of abstract]

SUB CODE: 11

Card 1/1 MLP

FROLOVA, N.A.; ZYABKO, N.V.

Penetrating study of morbidity with temporary disability among  
workers of the "Proletarka" Cotton Spinning Combine in Kalinin.  
Zdrav. Ros. Feder. 4 no. 4:21-24 Ap '60. (MIRA 13:10)

1. Iz kafedry organizatsii zdravookhraneniya (zav. - dotsent  
N.A. Frolova) Kalininskogo meditsinskogo instituta (dir. -  
dotsent A.N. Kushnev).

(KALININ—TEXTILE WORKERS—DISEASES AND HYGIENE)  
(DISABILITY EVALUATION)

14(5)

SOV/92-59-2-8/40

AUTHORS: Zyablikov, K.A. and G.N. Fal'chikov, Staff Members of the Technical Department

TITLE: Demulsification of Crude at the Koschagyl Oilfield (Deemul'satsiya : nefti na promysle Koschagyl)

PERIODICAL: Neftyanik, 1959, Nr 2, pp 11-12 (USSR)

ABSTRACT: A number of Koschagyl oilfields do not pay sufficient attention to the removal of emulsions from crudes. Chemicals used for this purpose considerably increase petroleum production costs. For this reason the personnel of the demulsifying unit of the Koschagyl Petroleum Production Administration made an effort to reduce the outlay which this operation involves. Heavy crudes contain a considerable amount of tar, asphaltene, paraffin wax, and water. The latter in turn contains salt, acid, and alkali hydroxide. The resistant emulsion of crude produced at the Koschagyl oilfields contains up to 30 percent water. The method of demulsifying crude oil at Koschagyl required a considerable amount of kerosene contact, which increased the petroleum production cost. For this reason efforts were made to develop another demulsification method and K.A. Fomin suggested that crude be demulsified by using a cushion of contact water. The

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Demulsification of Crude (Cont.)

SOV/92-59-2-8/40

unit he developed is equipped with filters and master tap, shown in the flow chart of Fig. 1 and in sketches of Fig. 2 and 3. The author describes the newly developed equipment in detail. Its various parts are indicated, their size and installation, and an outline of the course of the operation is provided. As a result of the introduction of this equipment, a considerable saving was realized. After the demulsification of petroleum, its water content dropped from 2 percent to 0.5-1.05 percent. Further efforts are being made to reduce the consumption of the contact medium. There are 3 figures.

ASSOCIATION: Tekhotdel NPU Koschagyl (Technical Department of the Koschagyl Petroleum Production Administration)

KOUGIYA, V.A., kand. tekhn. nauk (Leningrad); ZYABLIKOV, O.M., inzh.  
(Leningrad)

Transforming Gray's code into a binary code. Elektrichestvo  
\* no. 10:74 0 '61. (MIRA 14:10)  
(Transducers) (Tachometer)

ZYABLINA, T.F. (Moskva, I-301, Alekseyevskiy studgorodok, 6-y proyezd, 5-y korpus, kv.5)

Use of diplacin in intrathoracic operations for patients with pulmonary tuberculosis. Vest.khir. 83 no.11:112-116 N '59. (MIRA 13:4)

1. Iz khirurgicheskoy kliniki (zav. - prof. L.K. Bogush) Instituta tuberkuleza AMN SSSR.

(TUBERCULOSIS PULMONARY surgery)

(MUSCLE RELAXANTS therapy)



INDYCHENKO, N.I.; ZYABLITSKY, I.V.; TIMOSHENKO, N.M.; BATSSENKO, N.P.;  
VIZHLYAK, V.G.; CHALYUK, S.M.; VALOSHINA, G.G.

Popular textbook on electric centralization ("Electric centralization of switches and signals" by A.A. Kazakov. Reviewed by N.I. Indychenko and others). Avtom., telem. i svyaz' 2 no.7:48 J1 '58. (MIRA 11:6)

1. Rabotniki Kiyevskoy distantzii signalizatsii i svyazi Yugo-Zapadnoy dorogi.

(Railroads---Signaling---Block system)  
(Kazakov, A.A.)

ZYABLITSEV, V.Ya.

Using the vibration method in unloading dump cars. Trudy OMIIT  
43 pt.2:193-196 '63.

(MIRA 18:10)

**ZYABLITSKIY, I.I.**

Tectonics and oil potential of the southeastern boundary of the  
Russian Platform. Razved. i okh. nedr 25 no.2:5-10 F '59. (MIRA 12:4)

1. Zapadno-Kazakhskaya mezhoblastnaya kompleksnaya ekspeditsiya.  
(Russian Platform--Petroleum geology)

SOV/132-59-2-2/16

3(8)

AUTHOR:

Zyablitskiy, I.I.

TITLE:

On Tectonics and Petroliferous Features of the Outlying South-Eastern Part of the Russian Plateau (O tektonike i neftenosnosti okrainnoy yugo-vostochnoy chasti Russkoy Platformy)

PERIODICAL:

Razvedka i okhrana nedr, 1959, Nr 2, pp 5 - 10 (USSR)

ABSTRACT:

The tectonics of the outlying south-eastern part of the Russian Plateau adjacent to the outer-Ural depression have been only partially studied. Prospecting operations were executed only on the part of the Plateau neighboring the newly discovered Ishimbay oil-field of the outer Ural depression. In this article, the author sums up the results of prospecting operations conducted in 1956 - 1957 by the following geologists: V.V. Belousov ; A.A. Khomentovskiy; A.A. Bogdanov; V.D. Nalivkin; L.N. Rozanov. The study of the Sterlibashevo-Fedorovka bank ("val"), 80 km long and 40 km wide, showed that the maximum elevation of Kungur and Kazan' (Upper-Permian Period) beds is re-

Card 1/3

SOV/132-59-2-2/16

On Tectonics and Petroliferous Features of the Outlying South-Eastern Part of the Russian Plateau

lated to the underlying layers of salt. Further prospecting showed that an anhydrite-halite suite, containing sylvinite-halite facies is developed under the dome of Upper-Permian beds of the central part of this bank. The presence of these layers indicates a depression in the period of formation of the Kungur beds. It can also be said that a zone of sylvinite-halite deposits probably exists to the south of Orenburg where it joins the Caspian syncline. Further prospecting, though very limited indicates that between the Sterlibashev-Orenburg Depression and the Outer Ural Depression exists a long structural subsalt bed elevation, which is considered by the author as a bank of the outlying south-eastern part of the Russian Plateau. This bank ("val"), over 300 km long and 20 -

Card 2/3

SOV/132-59-2-2/16  
On Tectonics and Petroliferous Features of the Outlying South-  
Eastern Part of the Russian Plateau

25 km wide, could be of interest for further oil pro-  
specting, as it is surrounded by various petrolifer-  
ous districts. There are 2 diagrams, 1 profile and  
3 Soviet references.

ASSOCIATION: Zapadno-Kazakhstanskaya mezhoblastnaya kompleksnaya  
ekspeditsiya (West-Kazakhstan Inter-Oblast' Joint  
Expedition)

Card 3/3

ZYABLITSKIY, M.

Tractors

Controlling the expenditure of spare parts by tractor crews. MTS 12 No. 6, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

MARGULIS, B.Ye. (Smolensk); MARNYANSKIY, I.A. (Rovno); OREKHOV, P.S.  
(Izhevsk); ZYABLITSKIY, V.V. (Kalinin)

Extracurricular work in mathematics. Mat. v shkole no.1:68-75  
Ja-F '63. (MIRA 16:6)  
(Mathematics--Study and teaching)



ZYABLITSKIY, V.V.

Mathematics - Problems, Exercises, etc.

Mathematical contest in Kalinin, Usp. mat. nauk 7 no. 1(47), 1952

9. Monthly List of Russian Accessions, Library of Congress, July <sup>1952</sup>~~1953~~, Unclassified.

**ZYABLITSEV, V.**

Rearranging a hydraulic pump on a SE-3 excavator. Mast. ugl. 3  
no. 11:18 N'54. (MIRA 8:3)

1. Mekhanik uchastka No. 1 Kiselevskogo razreza kombinata  
Kuzbassugol'.  
(Excavating machinery)(Pumping machinery)

PETROV, K.M.; DYAKONOV, V.I.; FADEYEV, I.G.; SEMENENKO, P.P.; KRYUKOV, L.G.;  
Prinimali uchastiye: PASTUKHOV, A.I.; SHISHKINA, N.I.;  
PAZDNIKOVA, T.S.; CHIRKOVA, S.N.; KAREL'SKAYA, T.A.; LOPTEV, A.A.;  
DZEMYAN, S.K.; ISUPOV, V.F.; BELYAKOV, A.I.; GUDOV, V.I.;  
SUKHMAN, L.Ya.; SLESAREV, S.G.; GOLOVANOV, M.M.; GLAGOLENKO, V.V.;  
ISUPOVA, T.A.; ZYABLITSEVA, M.A.; KAMENSKAYA, G.A.; POMUKHIN, M.G.;  
UTKINA, V.A.; MANEVICH, L.G.

Vacuum treatment of alloyed open hearth steel. Stal' 22 no.2:113-  
117 F '62. (MIRA 15:2)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov  
(for Pastukhov, Shishkina, Pazdnikova, Chirkova, Karel'skaya,  
Loptev, Dzemyan). 2. Metallurgicheskiy kombinat im. A.K. Serova  
(for Isupov, Belyakov, Gudov, Sukhman, Slesarev, Golovanov,  
Glagolenko, Isupova, Zyablitseva, Kamenskaya). 3. 6-y Gosudar-  
stvennyy podshipnikovyy zavod (for Pomukhin, Utkina, Manevich).  
(Steel--Metallurgy)  
(Vacuum metallurgy)

ZYABLOV, M.

ca

8

The source of fluorapatite in Central Asia. M. ZYABLOV, *Mineral. Sibir' 7*, Nos. 5-6, 42-5 (1932).—Large deposits of fluorite are found in Turkistan and other sections of Central Asia. CHAK BLANC

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: Thursday, September 26, 2002  
APPROVED FOR RELEASE: Thursday, September 26, 2002  
YEFIMOV, L.D.; ZYABLITSEV, V.Ya.

CIA-RDP86-00513R002065720014-4  
CIA-RDP86-00513R002065720014-4"

Electrified self-dumping car. Trudy GMIT 38:111-116

'62.

(MIRA 18:8)

15-57-3-3851

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 3,  
pp 193-194 (USSR)

AUTHORS: Mindlin, M. G., Zyablov, M. F.

TITLE: New Constructions of Bits With an Arrangement for Holding Grease in the Bearing (Novyye konstruktсии dolot s ustroystvom dlya uderzhaniya smazki v opore)

PERIODICAL: Novosti nef. tekhniki. Neftepromysl. delo, 1956,  
Nr 6, pp 6-8

ABSTRACT: A new tri-cone drill bit has been made with the bearing hermetically sealed and the teeth self-cleaning. The grease is contained in the bearing of the bit. Tests have shown that the new type of bit may be used in drilling any kind of rock. In all cases the hermetic sealing of the bearing leads to increased footage of cutting by the bit.

no initials

Card 1/1

USSR/Miscellaneous - Propaganda

Card 1/1 : Pub. 77, 23/26

Authors : Zyablov, P. I.

Title : Science of the people's Poland

Periodical : Nauka i zhizn' 21/7, 43 - 44, July 1954

Abstract : The author feels that since Poland has acquired its present system of Government, science has been advanced and made to serve the people. Instances are cited in support of this idea. Illustration.

Institution : ...

Submitted : ...

S/112/59/000/014/045/085  
A052/A001

Translation from: Referativnyi zhurnal, Elektrotehnika, 1959, No. 14, p. 188,  
# 29916

AUTHORS: Shaposhnikov, K.Ya., Kovalenko, G.G., Zyablov, R.P.

TITLE: Radio Control System (For a Comprehensive Control of Industrial  
Objects)

PERIODICAL: Tr. Taganrogsk. radiotekhn. in-ta, 1958, No. 2, pp. 297-311

TEXT: A radio control system for oil wells developed by the Department  
of Automation and Telemechanics of the Taganrog Radiomechanical Institute is  
described. A distributing method of selection with a code consisting of sub-  
carrier frequency pulses and intervals is adopted in the system. As synchronizing  
pulses are used ones of 50 m sec duration with the same intervals between the  
pulses; as selecting pulses and intervals are used ones prolonged up to 125 m.  
sec. Relays RKN and step finders ShI-11 and ShI-17 are applied in the circuits.  
Frequency modulation is adopted in the radio channel. The carrier frequency is



S/112/59/000/014/045/085  
A052/A001

Radio Control System (For a Comprehensive Control of Industrial Objects)

43.7 Mc, the subcarrier frequencies are 860, 1,250, 2,000 and 3,000 cycles. The sensitivity of the radio receiver is 60 microvolts. Operating range is up to 20 km. The system is fed with 48-volt rectified current. There are 8 illustrations.

B.A.K.

Translator's note: This is the full translation of the original Russian abstract.

L 30399-66 EWT(d)/FSS-2

ACC NR: AP6007867

SOURCE CODE: UR/0103/66/000/002/0100/0106

AUTHOR: Zyablov, R. P. (Taganrog)

ORG: none

TITLE: The determination of the message delay time in the transmission of telecommunication data

SOURCE: Avtomatika i telemekhanika, no. 2, 1966, 100-106

TOPIC TAGS: telecommunication, data transmission, information theory, *QUEUEING THEORY*

ABSTRACT: The author uses queuing theory methods to determine message delay time in telecommunications. Two typical cases with a constant and exponentially distributed time of transmission are examined under transient and stationary conditions. It is found that the message delay time distribution depends on the distribution of their transmission time and is determined by the operational characteristics of the telecommunications systems, i. e., a mathematical message waiting time and information flow rates. Expressions are derived for the determination of the transient and the stationary modes of waiting time distribution. Orig. art. has: 3 figures and 9 formulas.

SUB CODE: 709 / SUBM DATE: 04Sep65 / ORIG REF: 003 / OTH REF: 004  
Card 1/1 *cc*

UDC: 621.398.3

**ZYABLOV, Rostislav Petrovi, starshiy prepodavatel**

Distribution of the realization of telemechanic data transmission flows with discrete communications. Izv. vys. ucheb. zav.; elektro-mekh. 8 no.4:421-430 '65. (MIRA 18:5)

1. Kafedra avtomatiki i telemekhaniki Taganrogskogo radiotekhnicheskogo instituta.

Wireless remote control in oil fields. Izv. vys. ucheb. zav.;  
neft' i gaz 4 no.3:113-117 '61. (MIRA 16:10)

1. Taganrogskiy radiotekhnicheskii institut.

GRINVAL'D, G.; POPOV, V., LIPATKIN, Ye.; KIM, L.; ZYABLOV, V.; BIRYUKOV, P.

Transportation of large elements. Stroitel' 8 no.5:26-27 My '62.  
(MIRA 15:7)

(Precast concrete—Transportation)

SINYAVSKIY, V.N., kand. tekhn. nauk; ZYABLOV, V.A., kand. tekhn.  
nauk, retsenzent

[Machines and equipment for cultivating root crops;  
theory and design fundamentals] Mashiny i oborudovanie  
dlia obrabotki korneklubnoplodov; teoriia i osnovy  
proektirovaniia. Moskva, Mashinostroenie, 1964. 110 p.  
(MIRA 18:2)

Some new data on the afferent innervation of the human pia  
mater spinalis. Arkh. anat., gist. i embr. 46 no.6:33-41  
Ja '64. (MIRA 18:3)

1. Kafedra normal'noy anatomii (zav. - prof. V.V. Bobin) Krymskogo  
meditsinskogo instituta, Simferopol'.

TRACH, V.V.; ZABLOV, V.I.

Sheathed branches of cerebrospinal nerves and the pain problem  
in lesions of epidural structures. Zhur. nevr. i psikh. 64 no.  
11:1644-1647 '64. (MIRA 18:6)

1. Kafedra normal'noy anatomii (zaveduyushchiy - prof. V.V.  
Bob'n) Krymskogo meditsinskogo instituta, Simferopol', i kafedra  
normal'noy anatomii (zaveduyushchiy - prof. V.V. Kupriyanov) II  
Moskovskogo meditsinskogo instituta.